# Aspire 6530 Series
# Service Guide

Service guide files and updates are available on the ACER/CSD web; for more information, please refer to http://csd.acer.com.tw

PRINTED IN TAIWAN

# Revision History

Please refer to the table below for the updates made on Aspire 6530 Series service guide.

| Date | Chapter | Updates |
|---|---|---|
| | | |
| | | |
| | | |

# Copyright



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# Conventions

The following conventions are used in this manual:

| | |
|---|---|
| `SCREEN MESSAGES` | Denotes actual messages that appear on screen. |
| **NOTE** | Gives bits and pieces of additional information related to the current topic. |
| **WARNING** | Alerts you to any damage that might result from doing or not doing specific actions. |
| **CAUTION** | Gives precautionary measures to avoid possible hardware or software problems. |
| **IMPORTANT** | Reminds you to do specific actions relevant to the accomplishment of procedures. |

# Preface

Before using this information and the product it supports, please read the following general information.

**1.** This Service Guide provides you with all technical information relating to the BASIC CONFIGURATION decided for Acer's *global* product offering. To better fit local market requirements and enhance product competitiveness, your regional office MAY have decided to extend the functionality of a machine (e.g. add-on card, modem, or extra memory capability). These LOCALIZED FEATURES will NOT be covered in this generic service guide. In such cases, please contact your regional offices or the responsible personnel/channel to provide you with further technical details.

**2.** Please note WHEN ORDERING FRU PARTS, that you should check the most up-to-date information available on your regional web or channel. If, for whatever reason, a part number change is made, it will not be noted in the printed Service Guide. For ACER-AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code to those given in the FRU list of this printed Service Guide. You MUST use the list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

# Table of Contents

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# System Specifications

## Features

Below is a brief summary of the computer's many feature:

**NOTE:** Items marked with * denote only selected models.

### Operating System

- Genuine Windows® Vista™

### Platform

- AMD Better By Design program, featuring:
  - AMD Turion™ X2 Ultra dual-core mobile processor*
  - AMD Turion™ X2 dual-core mobile processor*
  - AMD Athlon™ X2 dual-core mobile processor*
  - AMD M780G Chipset*
  - Acer InviLink™ Nplify™ 802.11b/g/Draft-N*

### System Memory

- Dual-Channel DDR2 SDRAM support
- Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules

### TV Tuner

- Digital TV-tuner supporting DVB-T*

### Display and graphics

- 16:9 aspect ratio
- 16" Full HD 1920 x 1080*
- 16" HD 1366 x 768*
- ATI Radeon™ HD 3200 Graphics*
- ATI Mobility Radeon™ HD 3470 Hybrid x 2*
- ATI Mobility Radeon™ HD 3650*

## Storage subsystem

- 2.5" hard disk drive
- Optical drive options:
  - Blu-ray Disc™ /DVD-Super Multi double-layer drive*
  - DVD-Super Multi double-layer drive*
- 5-in-1 card reader

## Audio

- Dolby®-certified surround sound system with two built-in stereo speakers and one subwoofer* supporting low-frequency effects
- True5.1-channel surround sound output
- High-definition audio support
- S/PDIF (Sony/Philips Digital Interface) support for digital speakers
- Acer PureZone technology with two built-in stereo microphones
- MS-Sound compatible

## Communication

- Acer Video Conference, featuring:
  - Integrated Acer Crystal Eye webcam*
  - Acer PureZone technology*
  - Optional Acer Xpress VoIP phone*
- WLAN: Acer InviLink™ Nplify™ 802.11b/g/Draft-N*
- WPAN: Bluetooth® 2.0+Enhanced Data Rate (EDR)*
- LAN: Gigabit Ethernet; Wake-on-LAN ready
- Modem: 56K ITU V.92

## Dimensions and Weight

- 385 (W) x 277.5 (D) x 41/43.9 (H) mm (15.71 x 11.49 x 1.61/1.73 inches)
- 3.80 kg (8.37 lbs.) with 2 HDDs and 8-cell battery pack
- 3.60 kg (7.48 lbs.) with 1 HDD and 6-cell battery pack

## Privacy control

- Acer Bio-Protection fingerprint solution*
- BIOS user, supervisor, HDD passwords
- Kensington lock slot

## Power subsystem

- ACPI 3.0
- 71 W 4800 mAh*
- 48.8 W 4400 mAh*
- 3-pin 90 W AC adapter*
- 3-pin 65 W AC adapter*
- ENERGY STAR® 4.0

## Special keys and controls

- 105/106-key keyboard
- Touchpad pointing device

## I/O interface

- Acer EasyPort IV connector*
- ExpressCard™/54 slot
- Acer Bio-Protection fingerprint reader*
- 5-in-1 card reader (SD/MMC/MS/MS PRO/xD)
- 3 USB 2.0 ports
- USB 2.0 / eSATA port *

**NOTE:** If you plug an eSATA device you will have three USB ports available in the mean time.

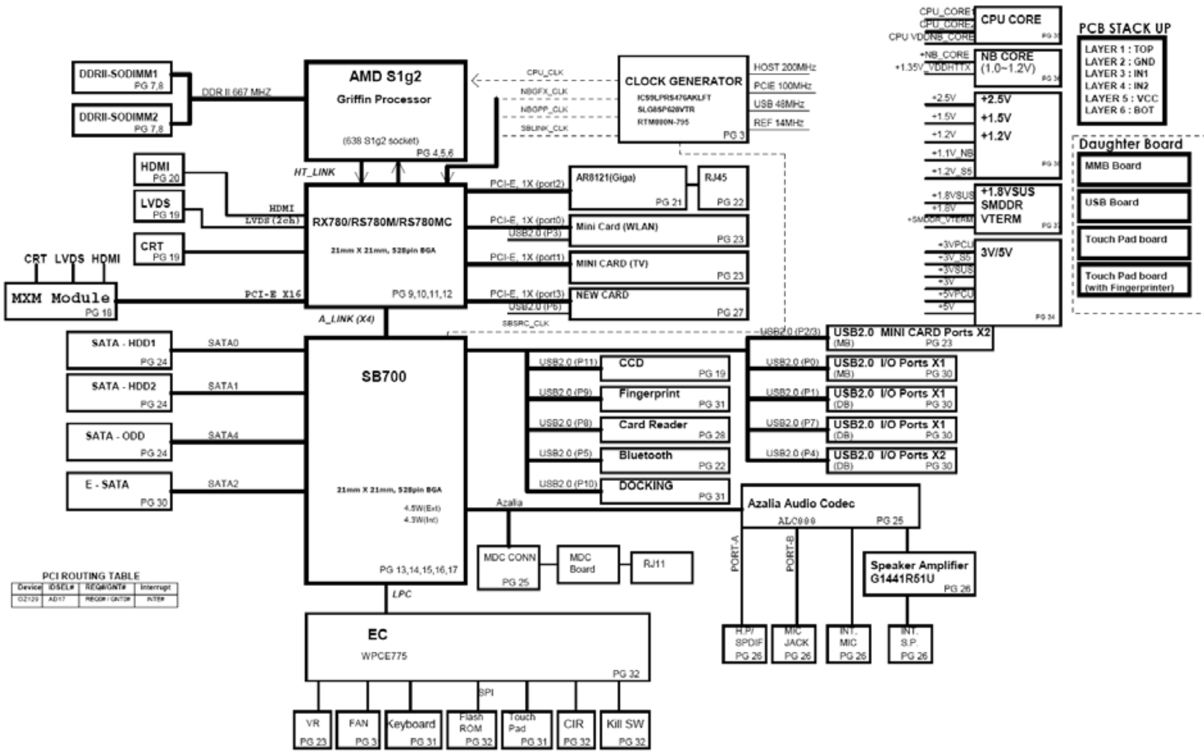
- HDMI™ port with HDCP support*
- External display (VGA) port
- Consumer infrared (CIR) port
- RF-in jack*
- Headphones/speaker/line-out jack with S/PDIF support*
- Microphone-in jack
- Line-in jack
- Ethernet (RJ-45) port
- Modem (RJ-11) port
- DC-in jack for AC adapter

## Environment

- Temperature:
  - Operating: 5 °C to 35 °C
  - Non-operating: -20 °C to 65 °C
- Humidity (non-condensing):
  - Operating: 20% to 80%
  - Non-operating: 20% to 80%

**NOTE:** Items marked with * denote only selected models. The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

## System Block Diagram

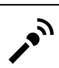


# Your Acer Notebook tour

After knowing your computer features, let us show you around your new computer.

## Front View




| No. | Icon | Item | Description |
|---|---|---|---|
| 1 | | Acer Crystal Eye webcam | Web camera for video communication (only for certain models). |
| 2 |  | Microphone | Internal microphone for sound recording. |
| 3 | | Display screen | Also called Liquid-Crystal Display (LCD), displays computer output (Configuration may vary by models). |
| 4 |  | Power button | Turns the computer on and off. |
| 5 | | Status indicators | Light-Emitting Diodes (LEDs) that light up to show the status of the computer's functions and components. |

| No. | Icon | Item | Description |
|---|---|---|---|
| 6 | | Keyboard | For entering data into your computer. |
| 7 | | Palmrest | Comfortable support area for your hands when you use the computer. |
| 8 | | Click buttons (left, center* and right) | The left and right buttons function like the left and right mouse buttons.<br>*The center button serves as Acer Bio-Protection fingerprint reader supporting Acer FingerNav 4-way control function (only for certain models). |
| 9 | | Touchpad | Touch-sensitive pointing device which functions like a computer mouse. |
| 10 | VOL + | Volume Up | Increase system volume/decrease system volume. |
| | VOL - | Volume Down | |
| 11 | | Acer MediaTouch keys | For use with Acer Arcade and other media playing programs. |
| 12 | | Easy-launch buttons | Buttons for launching frequently used programs. |
| 13 | | Empowering key | Launch Acer Empowering Technology. |
| 14 | | Speakers | Left and right speakers deliver stereo audio output. |

# Closed Front View




| No. | Icon | Item | Description |
|---|---|---|---|
| 1 | | 5-in-1 card reader | Accepts Secure Digital (SD), MultiMediaCard (MMC), Memory Stick (MS), Memory Stick PRO (MS PRO), xD-Picture Card (xD).<br>**Note:** Push to remove/install the card. Only one card can operate at any given time. |
| 2 | | CIR receiver | Receives signals from a remote control |

# Left View




| No. | Icon | Item | Description |
|---|---|---|---|
| 1 | | DC in jack | Connects to an AC adapter |
| 2 | | Ethernet (RJ-45) port | Connects to an Ethernet 10/100/1000-based network. |
| 3 | | Acer EasyPort IV connector | Connects to Acer EasyPort IV (only for certain models). |
| 4 | | External display (VGA) port | Connects to a display device<br>(e.g. external monitor, LCD projector). |
| 5 | HDMI | HDMI port | Supports high definition digital video connections (only for certain models). |
| 6 | / e SATA | USB 2.0 / e SATA port | Connects to USB 2.0 or eSATA devices (only for certain models).<br>**Note:** If you plug an eSATA device you will have three USB ports available in the mean time. |
| 7 | | USB 2.0 port | Connect to USB 2.0 devices<br>(e.g. USB mouse, USB camera). |
| 8 | SPDIF | Headphones/ speaker/line-out jack with S/PDIF support | Connects to audio line-out devices<br>(e.g., speakers, headphones). |
| | | Microphone jack | Accepts inputs from external microphones. |
| | | Line-in jack | Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player). |
| 9 | ExpressCard / 54 | ExpressCard/54 slot | Accepts one ExpressCard/54 module. |

## Right View



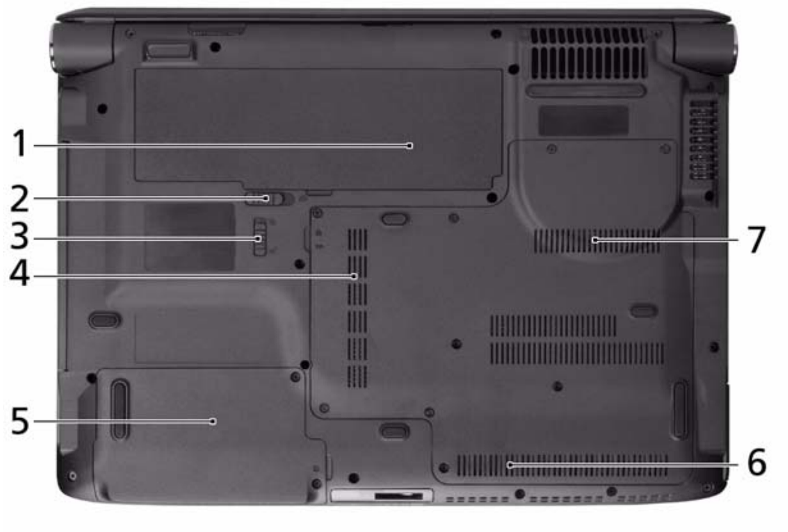

| No. | Icon | Item | Description |
|---|---|---|---|
| 1 | | USB 2.0 port | Connect to USB 2.0 devices (e.g. USB mouse, USB camera). |
| 2 | | Optical drive | Internal optical drive; accepts CDs or DVDs. |
| 3 | | Optical disk access indicator | Lights up when the optical drive is active. |
| 4 | | Optical drive eject button | Ejects the optical disk from the drive. |
| 5 | | Emergency eject hole | Ejects the optical drive tray when the computer is turned off.<br>**Note:** Insert a paper clip into the emergency eject hole to eject the optical drive tray when the computer is off. |
| 6 | | Modem (RJ-11) port | Connects to a phone line. |
| 7 | | RF-in port | Accepts input signals from digital TVtuner devices (only for certain models). |
| | | Kensington lock slot | Connects to a Kensington-compatible computer security lock. |

## Rear View




| No. | Item | Description |
|---|---|---|
| 1 | Tuba | The dedicated Tuba CineBass subwoofer pumps out earthshaking movie-house audio. |
| 2 | Ventilation slots | Enable the computer to stay cool, even after prolonged use. |

# Bottom View




| No. | Icon | Item | Description |
|---|---|---|---|
| 1 | | Battery bay | Houses the computer's battery pack. |
| 2 | | Battery release latch | Releases the battery for removal. |
| 3 | | Battery lock | Locks the battery in position. |
| 4 | | Hard disk bay-Main | Houses the computer's hard disk (secured with screws). |
| 5 | | Hard disk bay-Secondary | Houses the computer's hard disk (secured with screws) (only for certain models). |
| 6 | | Memory compartment | Houses the computer's main memory. |
| 7 | | Ventilation slots and cooling fan | Enable the computer to stay cool, even after prolonged use.<br>**Note:** Do not cover or obstruct the opening of the fan. |

# Indicators

The computer has several easy-to-read status indicators:

The front panel indicators are visible even when the computer cover is closed.

| Icon | Function | Description |
|---|---|---|
| | Bluetooth | Indicates the status of Bluetooth communication. |
| | WLAN | Indicates the status of wireless LAN communication. |
| | Power | Indicates the computer's power status. |
| | Battery | Indicates the computer's battery status. |
| | HDD | Indicates when the hard disk drive is active. |
| | Num Lock | Lights up when Num Lock is activated. |
| | Caps Lock | Lights up when Caps Lock is activated. |

**NOTE:** 1. **Charging:** The battery light shows amber when the battery is charging. 2. **Fully charged:** The light shows green when in AC mode.

# Easy-Launch Buttons

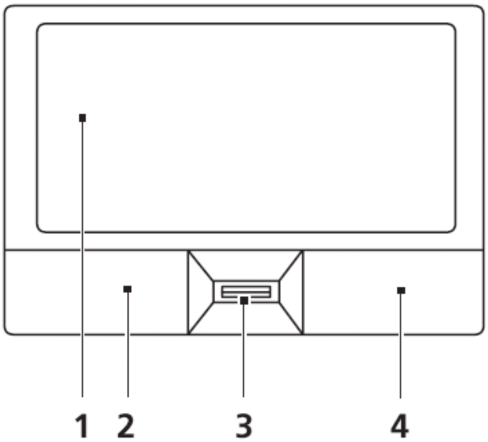
Located beside the keyboard are application buttons. These buttons are called easy-launch buttons. They are: WLAN, Internet, email, Bluetooth, Arcade and Acer Empowering Technology.

The mail and Web browser buttons are pre-set to email and Internet programs, but can be reset by users. To set the Web browser, mail and programmable buttons, run the Acer Launch Manager.

| Icon | Function | Description |
|---|---|---|
| | Empowering Technology | Launch Acer Empowering Technology. (user-programmable) |
| | Web browser | Internet browser (user-Programmable) |
| | Mail | Email application (user-Programmable) |
| | Bluetooth communication switch | Enables/disables the Bluetooth function. |
| | Wireless communication switch | Enables/disables the wireless function. |

# Touchpad Basics (with fingerprint reader)

The following items show you how to use the touchpad with Acer Bio-Protection fingerprint reader:




- Move your finger across the touchpad (2) to move the cursor.
- Press the left (1) and right (4) buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad is the same as clicking the left button.
- Use Acer Bio-Protection fingerprint reader (3) supporting Acer FingerNav 4-way control function (only for certain models) or the 4-way scroll (3) button (only for certain models) to scroll up or down and move left or right a page. This fingerprint reader or button mimics your cursor pressing on the right scroll bar of Windows applications.

| Function | Left Button (1) | Right Button (3) | Main touchpad (2) |
|---|---|---|---|
| Execute | Quickly click twice. | | Tap twice (at the same speed as double-clicking a mouse button). |
| Select | Click once. | | Tap once. |
| Drag | Click and hold, then use finger on the touchpad to drag the cursor. | | Tap twice (at the same speed as double-clicking a mouse button); rest your finger on the touchpad on the second tap and drag the cursor. |
| Access context menu | | Click once. | |

**NOTE:** When using the touchpad, keep it - and your fingers - dry and clean. The touchpad is sensitive to finger movement; hence, the lighter the touch, the better the response. Tapping too hard will not increase the touchpad's responsiveness.

# Using the Keyboard

The keyboard has full-sized keys and an embedded numeric keypad, separate cursor, lock, Windows, function and special keys.

## Lock Keys and embedded numeric keypad

The keyboard has three lock keys which you can toggle on and off.




| Lock key | Description |
|---|---|
| Caps Lock | When Caps Lock is on, all alphabetic characters typed are in uppercase. |
| Num Lock<br>**<Fn> + <F11>** | When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad. |
| Scroll Lock **<Fn> + <F12>** | When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications. |

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

| Desired access | Num Lock on | Num Lock off |
|---|---|---|
| Number keys on embedded keypad | Type numbers in a normal manner. | |
| Cursor-control keys on embedded keypad | Hold **<Shift>** while using cursor-control keys. | Hold **<Fn>** while using cursor-control keys. |
| Main keyboard keys | Hold **<Fn>** while typing letters on embedded keypad. | Type the letters in a normal manner. |

# Windows Keys

The keyboard has two keys that perform Windows-specific functions.

| Key | Description |
|---|---|
| Windows key | Pressed alone, this key has the same effect as clicking on the Windows Start button; it launches the Start menu. It can also be used with other keys to provide a variety of functions:<br>< >**:** Open or close the Start menu<br>< > **+ <D>:** Display the desktop<br>< > **+ <E>:** Open Windows Explore<br>< > + **<F>:** Search for a file or folder<br>< > + **<G>:** Cycle through Sidebar gadgets<br>< > + **<L>:** Lock your computer (if you are connected to a network domain), or switch users (if you're not connected to a network domain)<br>< > + **<M>:** Minimizes all windows<br>< > **+ <R>:** Open the Run dialog box<br>< > + **<T>:** Cycle through programs on the taskbar<br>< > **+ <U>:** Open Ease of Access Center<br>< > + **<X>:** Open Windows Mobility Center<br>< > + **<BREAK>: Display** the System Properties dialog box<br>< > **+ <SHIFT+M>:** Restore minimized windows to the desktop<br>< > **+ <TAB>:** Cycle through programs on the taskbar by using Windows Flip 3-D<br>< > **+ <SPACEBAR>:** Bring all gadgets to the front and select Windows Sidebar<br>**<CTRL> +** < > **+ <F>:** Search for computers (if you are on a network)<br>**<CTRL> +** < > **+ <TAB>:** Use the arrow keys to cycle through programs on the taskbar by using Windows Flip 3-D<br>**Note:** Depending on your edition of Windows Vista, some shortcuts may not function as described. |
| Application key | This key has the same effect as clicking the right mouse button; it opens the application's context menu. |

# Hot Keys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness, volume output and the BIOS utility.

To activate hot keys, press and hold the **<Fn>** key before pressing the other key in the hotkey combination.




| Hotkey | Icon | Function | Description |
|---|---|---|---|
| <Fn> + <F1> | ? | Hotkey help | Displays help on hotkeys. |
| <Fn> + <F2> | | Acer eSettings Management | Launches Acer eSettings Management in Acer Empowering Technology. |
| <Fn> + <F3> | | Acer ePower Management | Launches Acer ePower Management in Acer Empowering Technology. |
| <Fn> + <F4> | | Sleep | Puts the computer in Sleep mode. |
| <Fn> + <F5> | | Display toggle | Switches display output between the display screen, external monitor (if connected) and both. |
| <Fn> + <F6> | | Screen blank | Turns the display screen backlight off to save power. Press any key to return. |
| <Fn> + <F7> | | Touchpad toggle | Turns the internal touchpad on and off. |
| <Fn> + <F8> | | Speaker toggle | Turns the speakers on and off. |
| <Fn> + <▷> | | Brightness up | Increases the screen brightness. |
| <Fn> + <◁> | | Brightness down | Decreases the screen brightness. |

# Special Key

You can locate the Euro symbol and the US dollar sign at the upper-center and/or bottom-right of your keyboard.




## The Euro symbol

1. Open a text editor or word processor.
2. Hold <Alt Gr> and then press the <5> key at the upper-center of the keyboard.

**NOTE:** **Note**: Some fonts and software do not support the Euro symbol. Please refer to **www.microsoft.com/typography/faq/faq12.htm** for more information.

## The US dollar sign

1. Open a text editor or word processor.
2. Hold **<Shift>** and then press the **<4>** key at the upper-center of the keyboard.

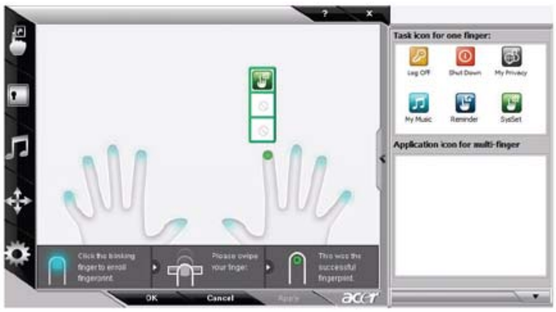
**NOTE:** This function varies by the operating system version.

# Using the System Utilities

Acer Bio-Protection (only for certain models) Acer Bio-Protection Fingerprint Solution is a multi-purpose fingerprint software package integrated with the Microsoft Windows operating system. Utilizing the uniqueness of one's fingerprint features, Acer Bio-Protection Fingerprint Solution has incorporated protection against unauthorized access to your computer with centralized password management with Password Bank, easy music player launching with Acer MusicLaunch, secure Internet favorites via Acer MyLaunch, and fast application/website launching and login with Acer FingerLaunch, while Acer ProfileLaunch can launch up to three applications/websites from a single finger swipe.

Acer Bio-Protection Fingerprint Solution also allows you to navigate through web browsers and documents using Acer FingerNav. With Acer Bio-Protection Fingerprint Solution, you can now enjoy an extra layer of protection for your personal computer, as well as the convenience of accessing your daily tasks with a simple swipe of your finger!

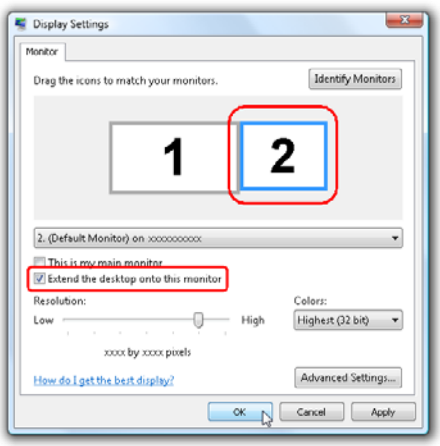
For more information refer to the Acer Bio-Protection help files.



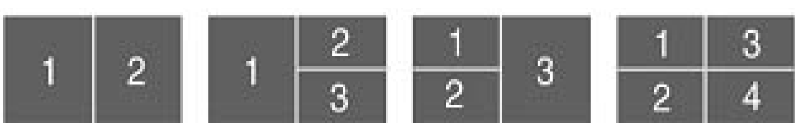

## Acer GridVista (dual-display compatible)

**NOTE:** This feature is only available on certain models.

To enable the dual monitor feature of the notebook, first ensure that the second monitor is connected, then select **Start, Control Panel, Display** and click on **Settings**. Select the secondary monitor **(2)** icon in the display box and then click the check box **Extend my windows desktop onto this monitor**. Finally, click **Apply** to confirm the new settings and click **OK** to complete the process.




Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start**→ **All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:

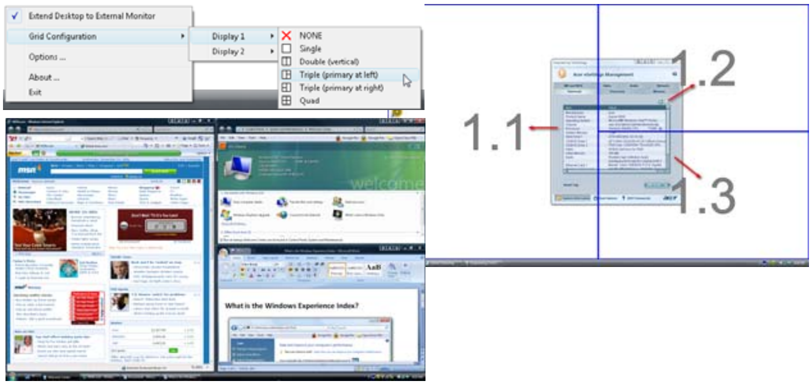


Double (vertical), Triple (primary at left), Triple (primary at right), or Quad Acer Gridvista is dual-display compatible, allowing two displays to be partitioned independently.

Acer Gridvista is dual-display compatible, allowing two displays to be partitioned independently.

AcerGridVista is simple to set up:

1. Run Acer GridVista and select your preferred screen configuration for each display from the task bar.
2. Drag and drop each window into the appropriate grid.
3. Enjoy the convenience of a well-organized desktop.




**NOTE:** Please ensure that the resolution setting of the second monitor is set to the manufacturer's recommended value.

# Hardware Specifications and Configurations

**Processor**

| Item | Specification |
|---|---|
| CPU type | AMD S1g2 Processor (Griffin Series-Turion/Sempron), T3(1.2~2.6G/s) (Bandwidth:9.6GB/s to 20.8GB/s) |
| CPU Features | • Hyper Transport 3.0 Technology.Designed to support HT Gen 3 speed form 1.2Ghz to 2.6Ghz<br>• 64-bit or 128-bit DDR2 Memory Interface, Two independent 64 Bit DDR2 channels<br>• Split Power Planes, Separate power planes providesd for each CPU core and on die Northbridge<br>• Up to 2 processor core per die, Upto 1MB L2 cache per die<br>• Each CPU core supports up to 8 P-states: P0 (Highest performance) and P7 (Lowest) |
| Power | • VDD0,VDD1 set according to the respective P-stage control when core VDD are isolated and VDD set according to the CPU core in the highest performance P-state when VDD is common<br>• CPU_VDDNB. VLDT 1.2V_HT, VDD I/O 1.8VSUS. CPU Memory Interface SMDDR_VTEM |
| CPU package | AMD 638-pin micro PGA |

**CPU Fan True Value Table**

| Level | Fan On Temp. | Fan Off Temp. | RPM Throttling | dB(A) |
|---|---|---|---|---|
| 1 | 50 | 45 | 2300 | 31 |
| 2 | 60 | 55 | 2600 | 34 |
| 3 | 70 | 65 | 2800 | 37 |
| 4 | 80 | 75 | 3100 | 40 |

- Throttling 50%: On =100°C ; Off=90°C
- OS Shut down: 125C
- H/W Shut down: 125C
- Fan default: 5V

**Northbridge**

| Item | Specification |
|---|---|
| Chipset | AMD RS780MN |
| Features | • CPU Hyper Transport Interface , Support 16 bit up/down Hyper transport 3.0 interface up to 5.2GT/s<br>• PCI Express Interface , Support PCIE GEN2 , Optimizes peer to peer and general purpose link performance, Highly flexible PCI Express implementation to suit a variety of platform needs |
| Power | 1.1V,1.2V, 1.8V, 3.3V |
| Package | FCBGA 528-pin |

### Southbridge

| Item | Specification |
|---|---|
| Chipset | AMD SB 700 |
| Features | • A-Link Express II Interface to AMD North bridge, High data transfer Bandwidth up to 2.5GT/s/Lane<br>• USB controllers, 5 OHCI and 2 EHCI host controllers to support 12 USB 2.0 ports and 2 dedicated USB 1.1 ports<br>• SATA controllers, Support six SATA II ports with transfer rate up to 3Gb/s, Support both SATA 1.5 and SATA 3.0 compliance devives, Supports E-SATA raid support and AHCI support<br>• Interrupt controller, Support IOAPIC/X APIC mode for 24 channel of interrupt<br>• High definition Audio support up to 4 codec's and up to 192Khz sample rate and 32 bit audio |
| Power | 1.2V, 1.8V, 3.3V, 5V |
| Package | FCBGA 528-pin |

### System Clock

| Item | Specification |
|---|---|
| Chipset | SLG8SP628VTR |
| Clock Synthesizer | • 200MHz for CPU<br>• 100MHz clock buffer for RS780MN, SB 700, PCIE device<br>• 96MHz for RS780MN<br>• 48MHz for USB clock inside SB700, Card reader<br>• 33MHz PCI clock for PC device, LPC |
| Features | • Support spread spectrum function, for reducing EMI<br>• Support SM bus interface |
| Power | 3.3V, 1.2V |
| Package | 64 pin QFN |

### Crystal and Oscillator

| Item | Specification |
|---|---|
| Features | • 14.31818 MHz crystal for clock chip<br>• 32.768 KHz crystal for SB700 and WPCE775C<br>• 25Mhz crystal for LAN AR8182<br>• 25Mhz  for SATA control inside SB700<br>• 12Mhz for finger printer control |

### System Memory

| Item | Specification |
|---|---|
| Features | • DDR II 667/800MHz SDRAM memory interface design<br>• 2 DDR SODIMM slot<br>• Maximum memory up to 4GB-SODIMM |

### Memory Combinations

| Slot 1 | Slot 2 | Total Memory |
|---|---|---|
| 0MB | 512MB | 512MB |
| 0MB | 1024MB | 1024MB |
| 0MB | 2048MB | 2048MB |
| 512MB | 512MB | 1024MB |
| 512MB | 1024MB | 1536MB |
| 512MB | 2048MB | 2560MB |
| 1024MB | 0MB | 1024MB |
| 1024MB | 512MB | 1536MB |
| 1024MB | 1024MB | 2048MB |
| 1024MB | 2048MB | 3072MB |
| 2048MB | 0MB | 2048MB |
| 2048MB | 512MB | 2560MB |
| 2048MB | 1024MB | 3072MB |
| 2048MB | 2048MB | 4096MB |

**NOTE:** Above table lists some system memory configurations. You may combine DIMMs with various capacities to form other combinations. On above table, the configuration of slot 1 and slot 2 could be reversed.

### Hard Disk Drive Interface

| Item | Specification | | | | |
|---|---|---|---|---|---|
| Vendor & Model Name | Segate<br>ST9250827AS<br>ST9200827AS<br>ST9160827AS<br>ST9120817AS | Segate<br>ST9320320AS<br>ST9250320AS<br>ST9200321AS<br>ST9160310AS<br>ST9120310AS | Toshiba<br>MK3252GSX<br>MK2552GSX<br>MK1652GSX<br>MK1252GSX | WD<br>WD2500BEVS<br>WD2500BEAS<br>WD2000BEVS<br>WD2000BEAS<br>WD1600BEVS<br>WD1600BEAS<br>WD1200BEVS<br>WD1200BEAS | WD<br>WD3200BEVT<br>WD2500BEVT<br>WD1600BEVT<br>WD1200BEVT |
| Capacity (MB) | 250, 200, 160, 120 | 320, 250, 200, 160, 120 | 320, 250, 160, 120 | 250, 200, 160, 120 | 320, 250, 160, 120 |
| Bytes per sector | 512 | 512 | 512 | 512 | 512 |
| Data heads | 4, 4, 3, 2 | 4, 4 or 3, 3, 2, 2 | 4, 4, 2, 2 | 4, 4, 4, 2 | 4, 3, 2, 2 |
| Drive Format | | | | | |
| Disks | 2, 2, 2, 1 | 2 or 1, 2, 2, 1, 1 | 2, 2, 1, 1 | 2, 2, 2, 1 | 2, 2, 1, 1 |
| Spindle speed (RPM) | 5400 | 5400 | 5400 | 5400 | 5400 |
| Performance Specifications | | | | | |
| Buffer size | 8 MB | 8 MB | 8 MB | 2 MB (WDxxxxBEAS)<br>8 MB (WDxxxxBEVS) | 8 MB |
| Interface | SATA | SATA | SATA | SATA | SATA |

| Item | Specification | | | | |
|---|---|---|---|---|---|
| Internal transfer rate (Mbits/sec, max) | 778 | 352 | 400 ~ 794 typical | 850 Mbits/s maximum | 850 Mbits/s maximum |
| I/O data transfer rate<br>(Mbytes/sec max) | 300 | 150 | 300 | 150 maximum | 300 maximum |
| DC Power Requirements | | | | | |
| Voltage tolerance | 5V ±5% | 5V ±5% | 5V ±5% | 5V ±5% | 5V ±5% |

**Super-Multi Combo Module**

| Item | Specification |
|---|---|
| Manufacturer and Model | Pioneer DVR-TD08RS |
| Type | Drawer loading |
| Interface | Serial ATA Revision 2.6 |
| Data Transfer Mode | Gen1i 1.5Gbits / sec |
| Buffer Memory Size | 2 MB |
| Maximum Write Speed | • 8X Zone CLV at DVD-R / +R, DVD+RW<br>• 6X Zone CLV at DVD-R DL / +R DL, DVD-RW<br>• 5X Zone CLV at DVD-RAM<br>• 24X Zone CLV at CD-R / RW |
| Maximum Read Speed | • 8X CAV at DVD-ROM SL, DVD-R / +R, -RW / +RW, DVD-ROM DL, DVD-R DL / +R DL<br>• 5X Zone CLV at DVD-RAM<br>• 24X CAV at CD-ROM, CD-R / RW |
| Formats Supported | • KODAK Photo CD Single and Multi-session<br>• CD Extra (CD PLUS)<br>• Video CD<br>• CD text data (Read / Write)<br>• CD-R discs (Read / Write)<br>• CD-RW discs (Read / Write)<br>• DVD-ROM<br>• DVD-R Ver.2.0 & 2.1 for General (Read / Write)<br>• DVD-R DL Ver.3.0 (Read/Write)<br>• DVD-RW Ver.1.0 & 1.1 & 1.2 (Read / Write)<br>• DVD+R Ver.1.3 (Read/Write)<br>• DVD+R DL Ver1.0 & 1.1 (Read / Write)<br>• DVD+RW Ver.1.3 (Read/Write)<br>• DVD+RW high speed Ver.1.0 (Read/Write)<br>• DVD-RAM Ver.2.0 & 2.1 & 2.2 |
| Power Supply | 5V |
| Voltage Allowance | ±5% (operating)<br>-8% (startup) |

| Item | Specification | |
|---|---|---|
| Vendor & model name | HLDS/GSA-T50N, Philips DS-8A2S | |
| Performance Specification | With CD Diskette | With DVD Diskette |
| Transfer rate (MB/sec) | Sustained:<br>Max 3.5 Mbytes/sec | Sustained:<br>Max 10 Mbytes/sec |
| Buffer Memory | 2MB | |
| Interface | SATA | |
| Applicable disc format | Applicable media types:<br>Writing:<br>Confirms to DVD+R Version 1.2 and DVD+RW Version 1.3 / DVD+R DL Version 1.0 /DVD-R Version 2.0 / DVD-RW Version 1.2 / DVD-R DL Version 3.0.<br>Reading:<br>DVD single/dual layer (PTP, OTP), DVD-R single/dual layer<br>DVD+R single/double layer<br>DVD-RW<br>DVD+RW<br>CD-DA<br>CD-ROM<br>CD-ROM/XA<br>Photo-CD, Multi-session, Video CD<br>CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW | |
| Loading mechanism | Drawer (Solenoid Open)<br>Tact SW (Open)<br>Emergency Release (draw open hole) | |
| Power Requirement | | |
| Input Voltage | DC 5 V +/- 5% | |

**Combo Drive Module**

| Item | Specification |
|---|---|
| Manufacturer and Model | Sony NEC Optiarc BC-5500S-AR |
| Type | Drawer loading |
| Interface | SATA |
| Data Transfer Modes | • PIO mode<br>• DMA<br>• Ultra DMA33 |
| Buffer Memory Size | 4.5 MB |
| Maximum Write Speed | 11 Mbytes/sec |
| Maximum Read Speed | 9 Mbytes/sec |

| Item | Specification |
|---|---|
| Formats Supported | Read<br>• BD-Video (12cm, Single and Dual Layer), BD-ROM (12cm, Single and Dual Layer)<br>• DVD-Video (8cm/12cm, Single and Dual Layer), DVD-ROM (8cm/12cm, Single and Dual Layer), Multi-Boarder, Multi-Session<br>CD Write<br>• CD-R Media (48x/40x/32x/24x/16x/8x) Mitsubishi (Verbatim), Taiyo-Yuden, Mitsui, Ricoh, Fuji film, Sony, Hitachi Maxell, Memorex, RITEK, CMC, P.V.C, JVC, SKC, ACER, Prime Disc, TDK<br>• CD-RW Media (10x/4x) Ricoh, Mitsubishi (Verbatim), ACER, OPTROM, Memorex, P.V.C, RITEK, CMC, LEADDATA, GigaStorage, Prodisc, Fornex, Samsung, Philips<br>DVD Write<br>• DVD+R Media (16x/8x/4x/2.4x) Taiyo-Yuden, Mitsubishi (Verbatim), Ricoh, TDK<br>• DVD+R Double Layer Media (8x/2.4x) Mitsubishi (Verbatim)<br>• DVD+RW Media (8x/4x/2.4x) Mitsubishi (Verbatim), Ricoh, TDK<br>• DVD-R Media (16x/8x/4x/2x) Mitsubishi (Verbatim), TDK, Taiyo-Yuden, PVC, Fuji Film, Ritek<br>• DVD-R DL Media (8x/4x) Mitsubishi (Verbatim)<br>• DVD-RW Media (6x/4x/2x/1x) JVC, PVC, Mitsubishi (Verbatim), TDK<br>• DVD-RAM Ver2.2 Media (5x/3x/2x) Panasonic, Hitachi Maxell |
| Power Supply | +5V (DC) |
| Voltage Allowance | +5V (DC) ±5% |

**Thermal Control**

| Item | Specification |
|---|---|
| Type | GMT G781 |
| Features | • Thermal sensor control<br>• Interface $I^2C$ bus, address: 98h |
| Package | 8 pin MSOP |

**BIOS ROM**

| Item | Specification |
|---|---|
| Type | Winbond W25X80, 1Mb CMOS Boot Block Flash Memory |
| Features | • One 8-pin soic package 1M BIT FLASH ROMis used for BIOS, keyboard encoder and power controller codes. It occupies system memory area E0000-FFFFF. After posting system, the shadow RAM function will be enabled<br>• 64 KB per block |
| Power | Supply current Active current = 15 mA (Typical)<br>Power-down current= 4 µA (Typical) |
| Package | 8 pin SOIC |

**LCD 16”**

<table>
<tr><th>Item</th><th colspan="4">Specification</th></tr>
<tr><td>Vendor/model name</td><td colspan="4">Samsung LTN160HT01-A02</td></tr>
<tr><td>Screen Diagonal (mm)</td><td colspan="4">406.4 (16.0”)</td></tr>
<tr><td>Active Area (mm)</td><td colspan="4">353.28 (H) x 198.72 (V)</td></tr>
<tr><td>Display resolution (pixels)</td><td colspan="4">1920 x 1080</td></tr>
<tr><td>Pixel Pitch</td><td colspan="4">0.184 (H) x 0.184 (V) (TYP.)</td></tr>
<tr><td>Pixel Arrangement</td><td colspan="4">RGB vertical stripe</td></tr>
<tr><td>Display Mode</td><td colspan="4">Normally white</td></tr>
<tr><td>Typical White Luminance (cd/m$^2$)<br>also called Brightness</td><td colspan="4">250</td></tr>
<tr><td>Contrast Ratio</td><td colspan="4">Minimum 300, Typical 600</td></tr>
<tr><td>Response Time (Optical Rise Time/Fall Time) msec</td><td colspan="4">Typical 8, Maximum 16</td></tr>
<tr><td>Input Voltage</td><td colspan="4">3.0 ~ 3.6V</td></tr>
<tr><td>Typical Power Consumption (watt)</td><td colspan="4">4.5W</td></tr>
<tr><td>Weight (without inverter)</td><td colspan="4">Typical 580g, Maximum 600g</td></tr>
<tr><td>Physical Size (mm)</td><td colspan="4">365 (W) x 214 (H) x 6.2 (D)</td></tr>
<tr><td>Electrical Interface</td><td colspan="4">LVDS</td></tr>
<tr><td>Support Color</td><td colspan="4">262,144</td></tr>
<tr><td rowspan="9">Viewing Angle (degree)</td><td colspan="2"></td><td>Min.</td><td>Typ.</td></tr>
<tr><td rowspan="2">Horizontal</td><td rowspan="4">CR => 10</td><td>65</td><td>75</td></tr>
<tr><td>65</td><td>75</td></tr>
<tr><td rowspan="2">Vertical</td><td>50</td><td>60</td></tr>
<tr><td>45</td><td>55</td></tr>
<tr><td rowspan="2">Horizontal</td><td rowspan="4">CR => 100</td><td>30</td><td>40</td></tr>
<tr><td>30</td><td>40</td></tr>
<tr><td rowspan="2">Vertical</td><td>10</td><td>20</td></tr>
<tr><td>10</td><td>20</td></tr>
<tr><td>Temperature Range (°C)<br>Operating<br>Storage (shipping)</td><td colspan="4"><br>0 to 50°C<br>-20 to 60°C</td></tr>
</table>

### VGA Subsystem

| Item | Specification |
|---|---|
| Type | Internal Graphic (RS780MN) |
| Features | • Integrated dual-link 24 bit LVDS interface<br>• Integrated HD audio codec support linear PCM and AC3(5.1) audio formats for HDMI output. |

| Item | Specification |
|---|---|
| Type | Discrete Graphic (MXM) |
| Model | MS-V122B-M82ME-XT<br>MS-V122B-M86ME<br>GPU AMD M82ME-XT/M86ME |
| Features | • 16 Lane PCI Express support<br>• VGA support<br>• HDMI support |

### EC/KBC

| Item | Specification |
|---|---|
| Type | WPCE775L |
| Features | • Shared SPI BIOS flash memory with page programming support<br>• Media center compliant CIR port<br>• Fast infrared port<br>• High-accuracy, high-speed ADC<br>• Up to 95 GPIO ports (including KB scannung) with a variety of wake-up events<br>• 16 bit RISC core, with up to 4Mbyte of external address space, sunning at up to 25Mhz |
| Package | 128 pin LQFP package |

### Audio Codec and Amplifier

| Item | Specification |
|---|---|
| Type | Realtek ALC888 Azadia Codec and Amplifier G1412 (headphone), G1441 (speaker), and MAX9736B ( subwoofer) |
| Features | • HD Audio<br>• SNR > 90,High-performance DACs with 95 dB SNR (A-Weighting), ADCs with 90dB SNR (A-Weighting)<br>• Internal Digital Microphone<br>• Two speakers, at least 1.5W for each<br>• Subwoofer (tube)<br>• 1* Analog Microphone, 1*Headphone jack with SPDIF,1* Line in |

### LAN

| Item | Specification |
|---|---|
| Type | Atheros AR8121 |
| Features | • Support WOL from S4/S5<br>• File deployment support<br>• Cable diagnostic test (CDT) support |

### Bluetooth

| Item | Specification |
|---|---|
| Type | FOXCONN FOX_BRM_2.0 F/W 300 mini USB module |
| Features | • Bluetooth 1.2 qualified Embedded USB module<br>• Extremely small size<br>• Class 2 specification RF output power (max+4 dBm)<br>• Full piconet and scatternet operation<br>• Support 3Mbps enhanced data rate<br>• USB 2.0 full-speed compliant interface<br>• Very low power consumption<br>• Led indicator built-in |

### MDC Module

| Item | Specification |
|---|---|
| Features | • V.90/V.92 WWDAA<br>• MDC 3.3V card(HD)<br>• Wake-on ring support by S3 |

### WLAN

| Item | Specification |
|---|---|
| Type | • |
| Features | • |
| Power | |
| Package | |

### Battery

| Item | Specification |
|---|---|
| Manuafacturer | SANYO/PANASONIC |
| Configuration | 3S2P/4S2P |
| Capacity | 4000 mAH/4800 mAH |

# System Utilities

## BIOS Setup Utility

The BIOS Setup Utility is a hardware configuration program built into your computer's BIOS (Basic Input/ Output System).

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run Setup. Please also refer to Chapter 4 Troubleshooting when problem arises.

To activate the BIOS Utility, press **F2** during POST (when "Press <F2> to enter Setup" message is prompted on the bottom of screen).

Press **F2** to enter setup. The default parameter of F12 Boot Menu is set to "disabled". If you want to change boot device without entering BIOS Setup Utility, please set the parameter to "enabled".

Press <F12> during POST to enter multi-boot menu. In this menu, user can change boot device without entering BIOS SETUP Utility.

### Navigating the BIOS Utility

There are six menu options: Information, Main, Advanced, Security, Boot, and Exit.

Follow these instructions:

- To choose a menu, use the left and right arrow keys.
- To choose an item, use the up and down arrow keys.
- To change the value of a parameter, press **F5** or **F6**.
- A plus sign (+) indicates the item has sub-items. Press **Enter** to expand this item.
- Press **Esc** while you are in any of the menu options to go to the Exit menu.
- In any menu, you can load default settings by pressing **F9**. You can also press **F10** to save any changes made and exit the BIOS Setup Utility.

**NOTE:** You can change the value of a parameter if it is enclosed in square brackets. Navigation keys for a particular menu are shown on the bottom of the screen. Help for parameters are found in the Item Specific Help part of the screen. Read this carefully when making changes to parameter values. **Please note that system information is subject to different models**.

# Information

The Information screen displays a summary of your computer hardware information.

PhoenixBIOS Setup Utility

Information Main Security Boot Exit

| | |
|---|---|
| CPU Type: | AMD Turion(tm) X2 |
| CPU Speed: | 2300 MHz |
| IDE0 Model Name: | TOSHIBA MK3252GSX |
| IDE0 Serial Number: | 48CLT0G2T |
| IDE1 Model Name: | ST9160310AS |
| IDE1 Serial Number: | 5SV00T4L |
| ATAPI Model Name: | Optiarc DVD RW AD-7560S |
| System BIOS Version: | v0.2126 |
| VGA BIOS Version: | v.10.94 |
| Serial Number: | ZK30SK03C18270A1C02500 |
| Asset Tag Number: | |
| Product Name: | Aspire 6530 |
| Manufacturer Name: | Acer |
| UUID: | 00C565C7D09BDB119C0D001E68911A04 |

F1 Help ↑↓ Select Item F5/F6 Change Values F9 Setup Defaults
ESC Exit ←→ Select Menu Enter Select▶Sub-Menu F10 Save and Exit

**NOTE:** The system information is subject to different models.

| Parameter | Description |
|---|---|
| CPU Type | This field shows the CPU type and speed of the system. |
| CPU Speed | This field shows the speed of the CPU. |
| IDE0 Model Name | This field shows the model name of device installed on primary IDE master. |
| IDE0 Serial Number | This field displays the serial number of device installed on primary IDE master. |
| IDE1 Model Name | This field shows the model name of device installed on secondary IDE master. |
| IDE1 Serial Number | This field displays the serial number of device installed on secondary IDE master. |
| ATAPI Model Name | This field shows the model name of the Optical device installed in the system. |
| System BIOS Version | Displays system BIOS version. |
| VGA BIOS Version | This field displays the VGA firmware version of the system. |
| Serial Number | This field displays the serial number of this unit. |
| Asset Tag Number | This field displays the asset tag number of the system. |
| Product Name | This field shows product name of the system. |
| Manufacturer Name | This field displays the manufacturer of this system. |
| UUID Number | Universally Unique Identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). |

# Main

The Main screen allows the user to set the system time and date as well as enable and disable boot option and recovery.

| PhoenixBIOS Setup Utility | | |
|---|---|---|
| Information **Main** Security Boot Exit | | |
| | | Item Specific Help |
| System Time | [13:04:04] | <Tab>, <Shift-Tab>, or <Enter> selects field. |
| System Date | [06/07/2008] | |
| Total Memory: | 2048 MB | |
| Video Memory: | [Auto] | |
| Quiet Boot: | [Enabled] | |
| Network Boot: | [Enabled] | |
| F12 Boot Menu: | [Disabled] | |
| D2D Recovery: | [Enabled] | |
| SATA Mode: | [AHCI Mode] | |
| F1 Help ↑↓ Select Item | F5/F6 Change Values | F9 Setup Defaults |
| ESC Exit ←→ Select Menu | Enter Select ▶ Sub-Menu | F10 Save and Exit |

**NOTE:** The screen above is for your reference only. Actual values may differ.

Settings in **boldface** are the default and suggested parameter settings.

| Parameter | Description | Format/Option |
|---|---|---|
| System Time | Sets the system time. The hours are displayed with 24-hour format. | Format: HH:MM:SS (hour:minute:second) |
| System Date | Sets the system date. | Format MM/DD/YYYY (month/day/year) |
| Total Memory | This field reports the memory size of the system. Memory size is fixed to 2048 MB. | N/A |
| Video Memory | Shows the Video memory size. | Option: **Auto**, 32MB, 64MB, 128MB, 256MB, 512MB, or 1024MB |
| Quiet Boot | Select whether to display the logo screen during boot. | Option: **Enabled** or Disabled |
| Network Boot | Enables, disables the system boot from LAN (remote server). | Option: **Enabled** or Disabled |
| F12 Boot Menu | Enables, disables Boot Menu during POST. | Option: **Disabled** or Enabled |
| D2D Recovery | Enables, disables the Acer D2D Recovery function during POST by pressing **Alt-F10**. | Option: **Enabled** or Disabled |
| SATA Mode | Control the mode in which the SATA controller should operate. | Option: **AHCI** or IDE Mode |

# Security

The Security screen contains parameters that help safeguard and protect your computer from unauthorized use.

```
PhoenixBIOS Setup Utility
Information   Main   Security   Boot   Exit
                                                   Item Specific Help
Supervisor Password Is:        Clear
User Password Is:              Clear               Supervisor Password
HDD Password                   Clear               controls access to the
                                                   setup utility.
Set Supervisor Password        [Enter]             It can be used to boot
Set User Password              [Enter]             up when Password on
Set HDD Password               [Enter]             boot is enabled.

Password on Boot:              [Disabled]

F1 Help    ↑↓ Select Item     F5/F6 Change Values        F9 Setup Defaults
ESC Exit   ←→ Select Menu     Enter Select ▶ Sub-Menu    F10 Save and Exit
```

The table below describes the parameters in this screen. Settings in **boldface** are the default and suggested parameter settings.

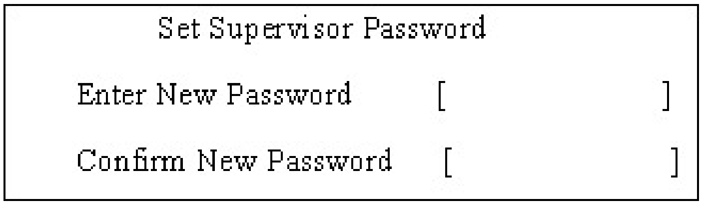
| Parameter | Description | Option |
|---|---|---|
| Supervisor Password Is | Shows the setting of the Supervisor password | **Clear** or Set |
| User Password Is | Shows the setting of the user password. | **Clear** or Set |
| HDD Password | Shows the setting of the hard disk password. | **Clear** or Set |
| Set Supervisor Password | Press Enter to set the supervisor password. When set, this password protects the BIOS Setup Utility from unauthorized access. The user can not either enter the Setup menu nor change the value of parameters. | |
| Set User Password | Press Enter to set the user password. When user password is set, this password protects the BIOS Setup Utility from unauthorized access. The user can enter Setup menu only and does not have right to change the value of parameters. | |
| Set HDD Password | Enter HDD Password. | |
| Password on Boot | Defines whether a password is required or not while the events defined in this group happened. The following sub-options are all requires the Supervisor password for changes and should be grayed out if the user password was used to enter setup. | Enabled or **Disabled** |

**NOTE:** When you are prompted to enter a password, you have three tries before the system halts. Don't forget your password. If you forget your password, you may have to return your notebook computer to your dealer to reset it.

## Setting a Password

Follow these steps as you set the user or the supervisor password:

1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Supervisor Password box appears:




2. Type a password in the “Enter New Password” field. The password length can not exceeds 8 alphanumeric characters (A-Z, a-z, 0-9, not case sensitive). Retype the password in the “Confirm New Password” field.

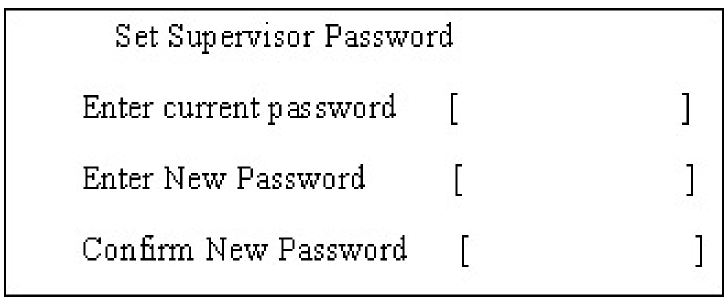
**IMPORTANT:**Be very careful when typing your password because the characters do not appear on the screen.

3. Press **Enter**. After setting the password, the computer sets the User Password parameter to “Set”.
4. If desired, you can opt to enable the Password on boot parameter.
5. When you are done, press F10 to save the changes and exit the BIOS Setup Utility.

## Removing a Password

Follow these steps:

1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears:




2. Type the current password in the Enter Current Password field and press **Enter**.
3. Press **Enter** twice **without** typing anything in the Enter New Password and Confirm New Password fields. The computer then sets the Supervisor Password parameter to “Clear”.
4. When you have changed the settings, press u to save the changes and exit the BIOS Setup Utility.

## Changing a Password

1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears.

| Set Supervisor Password | |
|---|---|
| Enter current password | [ ] |
| Enter New Password | [ ] |
| Confirm New Password | [ ] |

2. Type the current password in the Enter Current Password field and press **Enter**.
3. Type a password in the Enter New Password field. Retype the password in the Confirm New Password field.
4. Press **Enter**. After setting the password, the computer sets the User Password parameter to “Set”.
5. If desired, you can enable the Password on boot parameter.
6. When you are done, press F10 to save the changes and exit the BIOS Setup Utility.

If the verification is OK, the screen will display as following.

Setup Notice

Changes have been saved.

[ continue]

The password setting is complete after the user presses **Enter**.

If the current password entered does not match the actual current password, the screen will show you the Setup Warning.

Setup Warning

Invalid password

Re-enter Password

[ continue]

If the new password and confirm new password strings do not match, the screen will display the following message.

Setup Warning

Password do not match

Re-enter Password

# Boot

This menu allows the user to decide the order of boot devices to load the operating system. Bootable devices includes the USB diskette drives, the onboard hard disk drive and the DVD drive in the module bay.

PhoenixBIOS Setup Utility

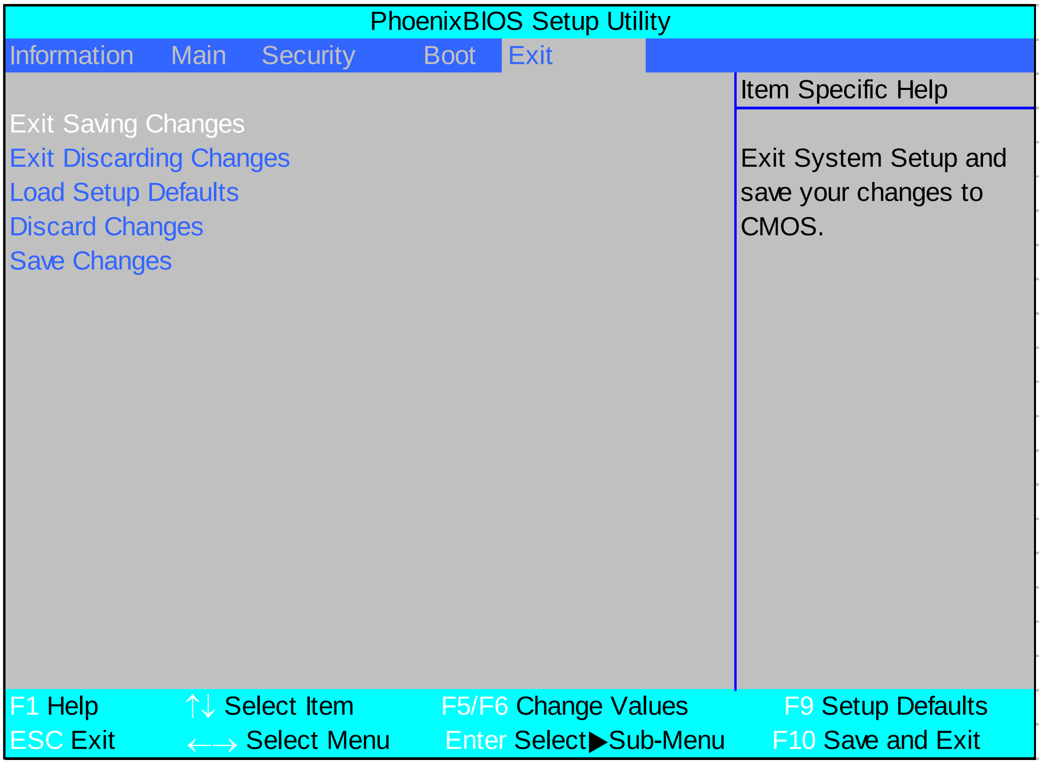
Information | Main | Security | Boot | Exit

| | Item Specific Help |
|---|---|
| Boot priority order:<br>1: IDE 0: TOSHIBA MK3252GSX-(S1)<br>2: IDE 1: ST9160310AS-(S2)<br>3: IDE CDROM: Optiarc DVD RW AD-7560S-(P<br>4: PCI LAN: Atheros Boot Agent<br>5: USB HDD:<br>6: USB FDD:<br>7: USB KEY:<br>8: USB CDROM:<br>Excluded from boot order: | Keys used to view or configure devices:<br>Up and Down arrows select a device.<br><br><F6> and <F5> moves the device up or down.<br><br><x> exclude or include the device to boot. |

| | | | |
|---|---|---|---|
| F1 Help | ↑↓ Select Item | F5/F6 Change Values | F9 Setup Defaults |
| ESC Exit | ←→ Select Menu | Enter Select ▶ Sub-Menu | F10 Save and Exit |

# Exit

The Exit screen allows you to save or discard any changes you made and quit the BIOS Utility.




The table below describes the parameters in this screen.

| Parameter | Description |
|---|---|
| Exit Saving Changes | Exit System Setup and save your changes to CMOS. |
| Exit Discarding Changes | Exit utility without saving setup data to CMOS. |
| Load Setup Default | Load default values for all SETUP item. |
| Discard Changes | Load previous values from CMOS for all SETUP items. |
| Save Changes | Save Setup Data to CMOS. |

# BIOS Flash Utility

The BIOS flash memory update is required for the following conditions:

- New versions of system programs
- New features or options
- Restore a BIOS when it becomes corrupted.

Use the Phlash utility to update the system BIOS flash ROM.

**NOTE:** Create a **Crisis Recovery Media** (such as USB HDD) before you use the Phlash utility.

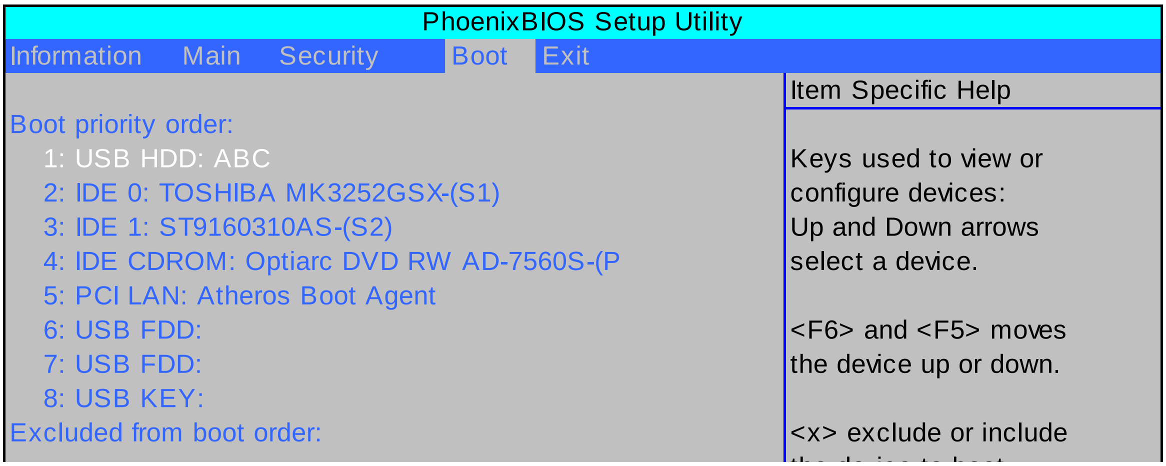
**NOTE:** Do not install memory-related drivers (XMS, EMS, DPMI) when you use the Phlash.

**NOTE:** Please use the AC adaptor power supply when you run the Phlash utility. If the battery pack does not contain enough power to finish BIOS flash, the system will not boot as the BIOS is not loaded.

Perform the following steps to use the Flash Utility:

**1.** Press F2 during boot to enter the Setup Menu.

**2.** Select **Boot Menu** to modify the boot priority order, for example, if using USB HDD to Update BIOS, move USB HDD to position 1.




**3.** Execute the **IFLASH.BAT** batch file to update BIOS (Read xxxxx.fd to Memory).



**4.** In flash BIOS, the message **Please do not remove AC Power Source** displays.

**NOTE:** If the AC power is not connected, the following message displays.




Plug in the AC power to continue.

**5.** Flash is complete when the following message displays.



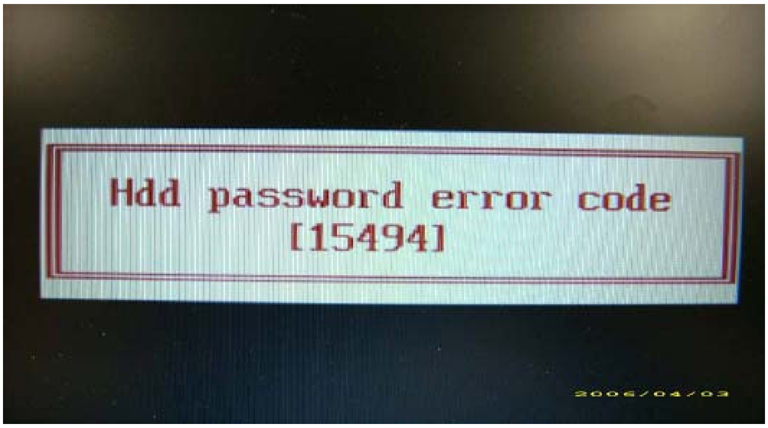

**6.** Shutdown or reboot base on iflash.bat command.

# Remove HDD/BIOS Utility

This section provide you with removing HDD/BIOS method:

**Remove HDD Password:**

- If you key in wrong HDD password three times, Hdd password error code displays. See the image below.




To reset the HDD password, run HDD_PW.EXE as follows:

1. Key in **hdd_pw 15494 0**
2. Press 2.
3. Select one upper-case string from the list.

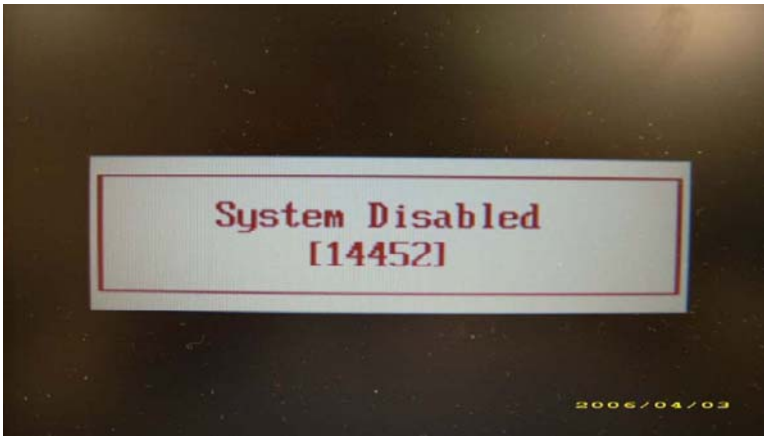



4. Reboot system and key in the selected string (0KJFN42 or UVEIQ96) on the HDD User Password screen.



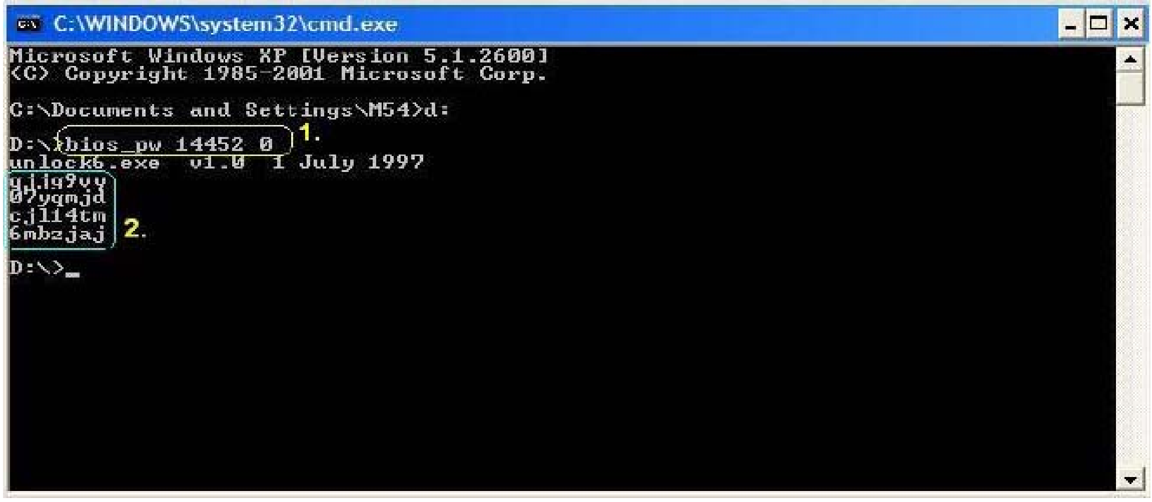
## Remove BIOS Password:

If you key in the wrong Supervisor Password three times, System Disabled displays on the screen. See the image below.




To reset the BIOS password, run BIOS_PW.EXE as follows:

1. Key in **bios_pw 14452 0**
2. Select one string from the list.



3. Reboot the system and key in the selected string (qjjg9vy, 07yqmjd etc.) for the BIOS user password.



# Machine Disassembly and Replacement

This chapter contains step-by-step procedures on how to disassemble the notebook computer for maintenance and troubleshooting.

## Disassembly Requirements

To disassemble the computer, you need the following tools:

- Wrist grounding strap and conductive mat for preventing electrostatic discharge
- Flat screwdriver
- Philips screwdriver
- Plastic flat screwdriver
- Plastic tweezers

**NOTE:** The screws for the different components vary in size. During the disassembly process, group the screws with the corresponding components to avoid mismatch when putting back the components.

# General Information

## Pre-disassembly Instructions

Before proceeding with the disassembly procedure, make sure that you do the following:

1. Turn off the power to the system and all peripherals.
2. Unplug the AC adapter and all power and signal cables from the system.



3. Place the system on a flat, stable surface.
4. Remove the battery pack.

## Disassembly Process

The disassembly process is divided into the following stages:

- External module disassembly
- Main unit disassembly
- LCD module disassembly

The flowcharts provided in the succeeding disassembly sections illustrate the entire disassembly sequence. Observe the order of the sequence to avoid damage to any of the hardware components. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside assembly frame in that order.

**Main Screw List**

| Screw | Quantity | Part Number |
|---|---|---|
| M2.5*6.5-I (BZN(NYLOK-RED)) | 42 | 86.ARE07.001 |
| M2.0*3.0-I (BKAG)(NYLOK) IRON | 10 | 86.ARE07.002 |
| M2.0*3.0-I-NI-NYLOK | 13 | 86.A08V7.005 |
| M3*0.5+3.5I | 8 | 86.TDY07.003 |
| M2.5*2.5-I (NI)(NYLOK) | 6 | 86.T25V7.010 |
| M2.5*4.0-I (NI)(NYLOK) | 7 | 86.D01V7.001 |
| M2.5*5-I (BNI)(NYLOK) | 4 | 86.A03V7.003 |
| M2.5*8-I BNI NYLOK | 4 | 86.T48V7.001 |

# External Module Disassembly Process

## External Modules Disassembly Flowchart

The flowchart below gives you a graphic representation on the entire disassembly sequence and instructs you on the components that need to be removed during servicing. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside assembly frame in that order.




**Screw List**

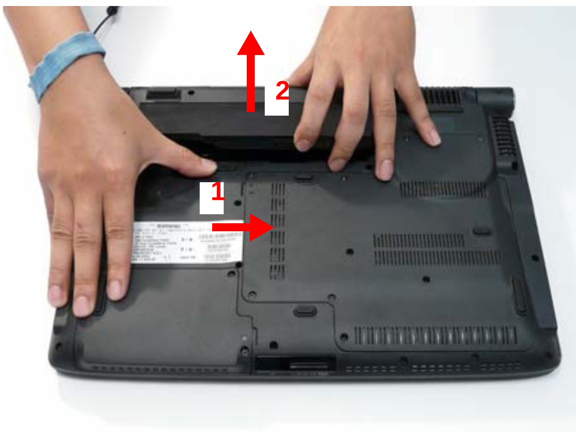
| Step | Screw | Quantity | Part No. |
|---|---|---|---|
| VGA Module | M2.5*8-I BNI NYLOK | 4 | 86.T48V7.001 |
| TV Tuner | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 | 86.ARE07.002 |
| WLAN Module | M2.0*3.0-I-NI-NYLOK | 2 | 86.A08V7.005 |
| Main HDD Carrier | M3*0.5+3.5I | 4 | 86.TDY07.003 |
| ODD Module | M2.5*6.5-I (BZN(NYLOK-RED) | 1 | 86.ARE07.001 |
| ODD Bracket | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 | 86.ARE07.002 |
| HDD2 Module | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 | 86.ARE07.002 |
| HDD2 Carrier | M3*0.5+3.5I | 4 | 86.TDY07.003 |

# Removing the Battery Pack

1. Turn computer over.
2. Slide the battery lock/unlock latch to the unlock position.



3. Slide and hold the battery release latch to the release position (1), then slide out the battery pack from the main unit (2).



## Removing the SD dummy card

1. Push the SD dummy card all the way in to eject it.



2. Pull it out from the slot.



## Removing the ExpressCard dummy card

1. Push the ExpressCard all the way in to eject the ExpressCard dummy.

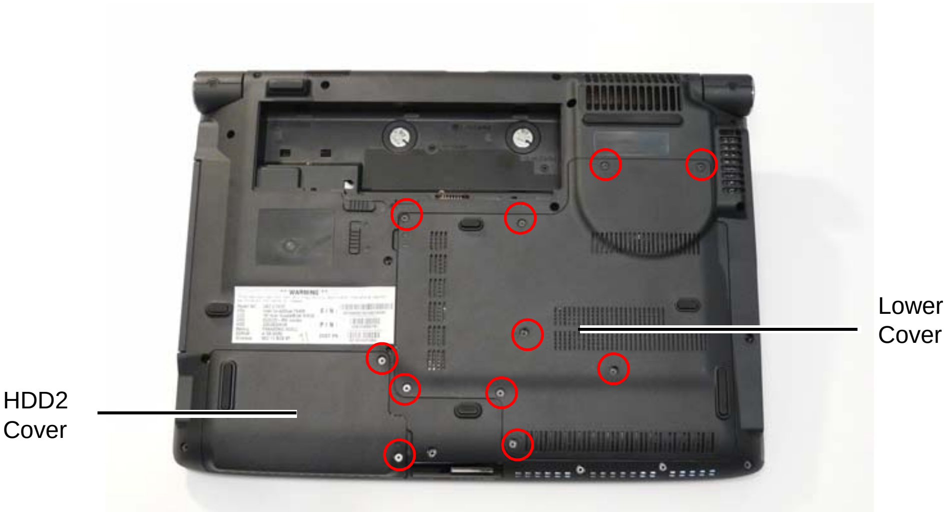


2. Pull it out from the slot.



# Removing the Lower Covers

1. See “Removing the Battery Pack” on page 44.
2. See “Removing the SD dummy card” on page 45.
3. See “Removing the ExpressCard dummy card” on page 46.
4. Loosen the captive screws in the covers as shown.




5. Carefully open the Lower Cover.

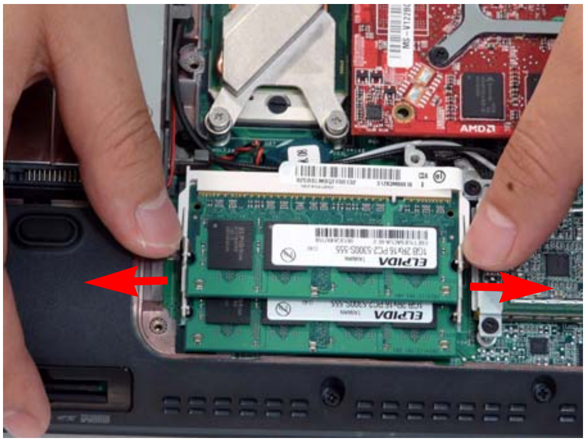


6. Remove the HDD2 Cover as shown.

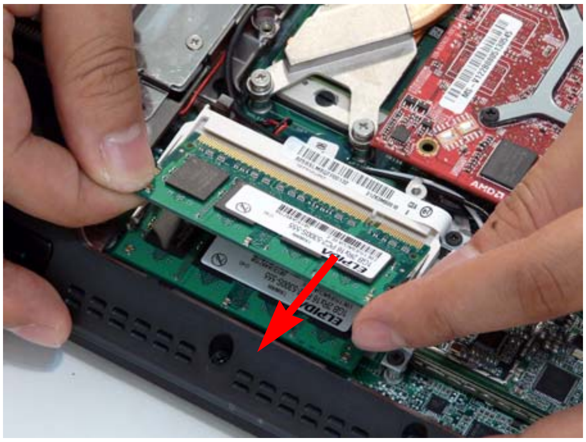


# Removing the DIMM Modules

1. See “Removing the Battery Pack” on page 44.
2. Remove the Lower Cover See “Removing the Lower Covers” on page 47.
3. Push out the release latches on both sides of the DIMM socket to release the DIMM module.



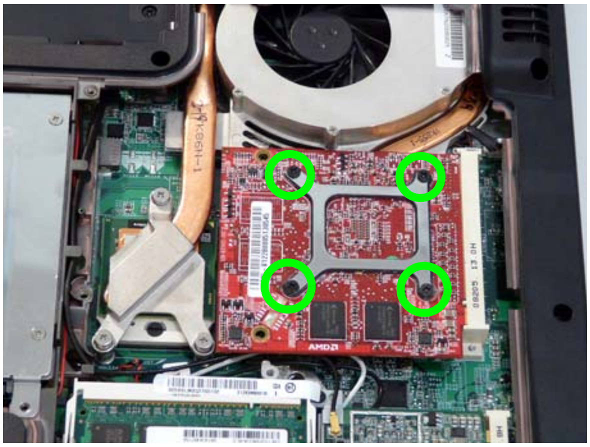
4. Remove the DIMM module.



5. Repeat steps for the second DIMM module.

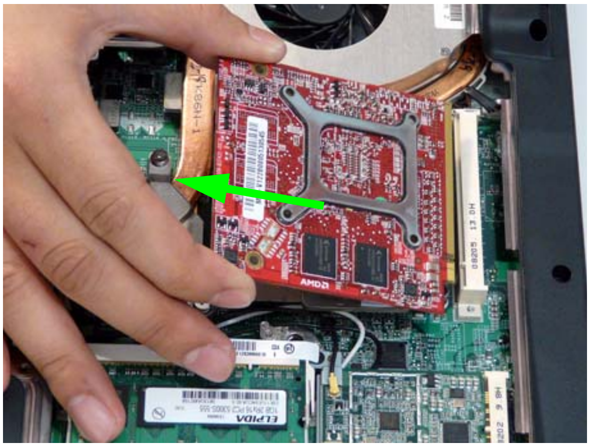
## Removing the VGA Module

1. Remove Lower Cover. See "Removing the Lower Covers" on page 47.
2. Remove the four securing screws from the VGA Module.



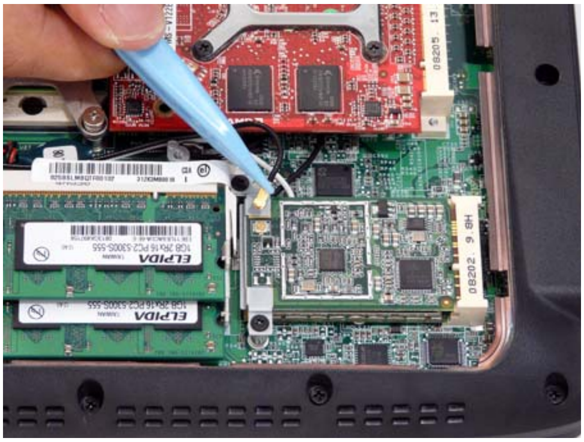
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| VGA Module | M2.5*8-I BNI NYLOK | 4 |  |

3. Grasp the VGA module and pull to remove.



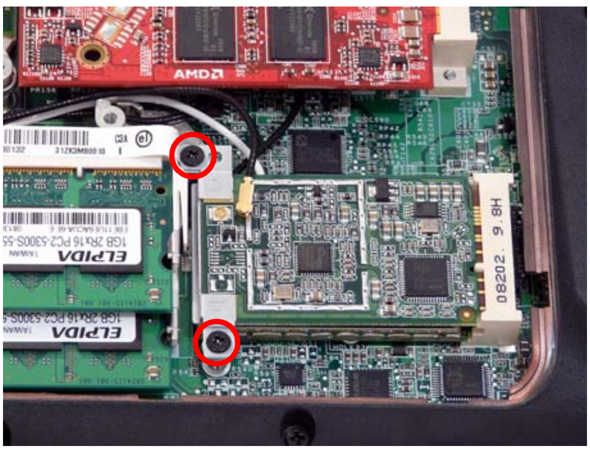
## Removing the TV Tuner Module

1. See “Removing the Battery Pack” on page 44.
2. Remove the Lower cover. See “Removing the Lower Covers” on page 47.
3. Disconnect the antenna cable from the TV Tuner board as shown.



**NOTE:** To ensure proper assembly, the antenna cable must be installed as shown.

4. Move the antenna cables away and remove the two screws to release the TV Tuner module and bracket assembly.

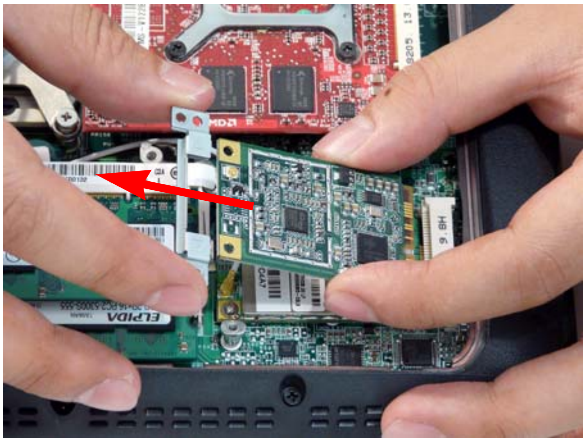


| Step | Size | Quantity | Screw Type |
| --- | --- | --- | --- |
| TV Tuner Module | M2.0*3.0-I-NI-NYLOK | 2 |  |

5. Detach the TV Tuner module by grasping the assembly and pulling away as shown.

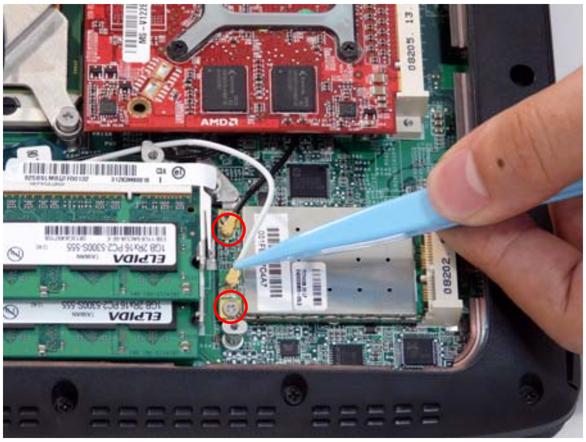


6. Grasp the module and pull the bracket away.

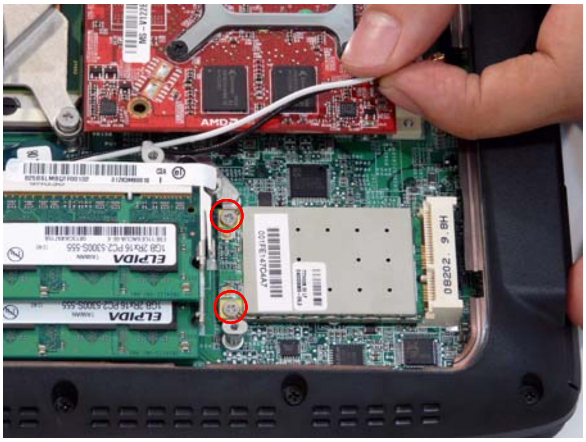


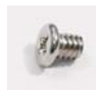
## Removing the WLAN Module

1. Remove the TV Tuner module. See “Removing the TV Tuner Module” on page 50.
2. Disconnect the two antenna cables.

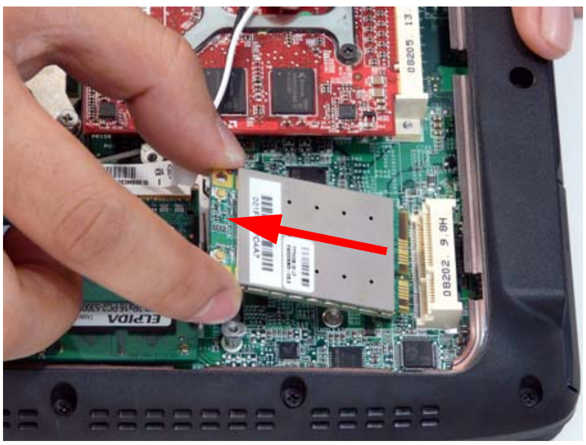


3. Remove the two securing screws.



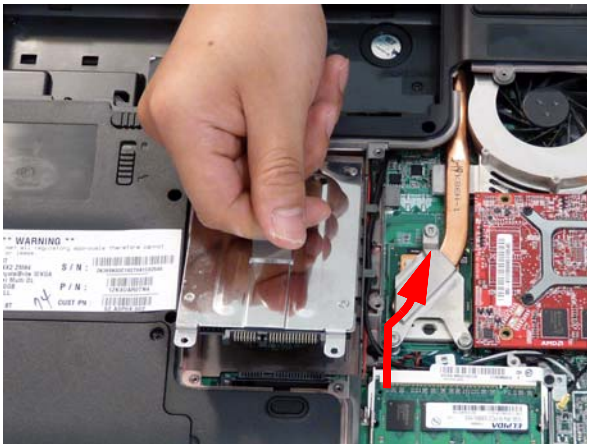
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| WLAN Module | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 |  |

4. Remove the WLAN module as shown.



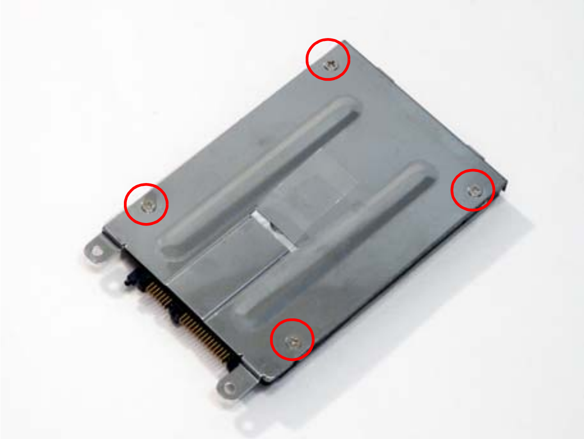
# Removing the Main Hard Disk Drive Module

1. See “Removing the Battery Pack” on page 44.
2. Remove the Lower Cover. See “Removing the Lower Covers” on page 47.
3. Hold the Pull Tab and slide the HDD away from the connector. Pull the HDD up as shown to remove.



**NOTE:** To prevent damage to HDD, avoid pressing down on it or placing heavy objects on top of it.

4. Remove the four screws securing the HDD to the carrier.

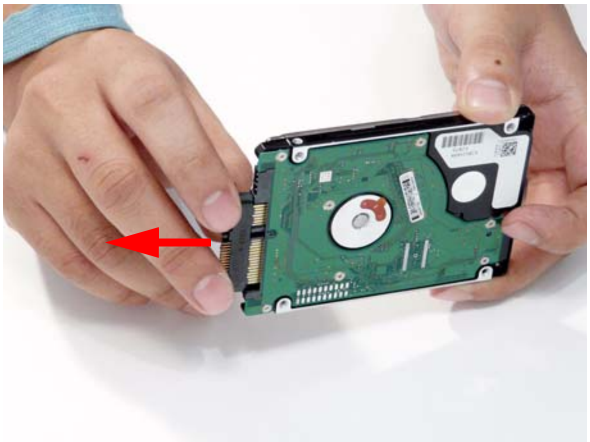


| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| HDD Carrier | M3*0.5+3.5I | 4 |  |

5. Lift the HDD carrier to remove.



6. Grasp the HDD connector and pull firmly to remove.



# Removing the Optical Disk Drive Module

1. See “Removing the Battery Pack” on page 44.
2. Remove the Lower Cover. See “Removing the Lower Covers” on page 47.
3. Remove the screw securing the ODD module.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| ODD Module | M2.5*6.5-I<br>(BZN(NYLOK-RED) | 1 |  |

4. Grasp the ODD module as shown and pull out of the bay.



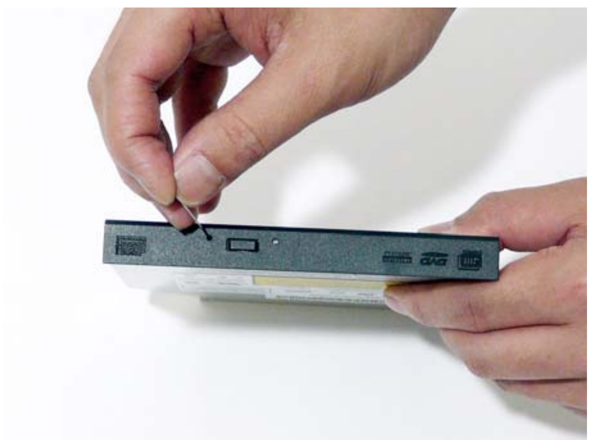
5. Remove the two screws securing the ODD bracket and remove the ODD bracket from the optical disk drive module.



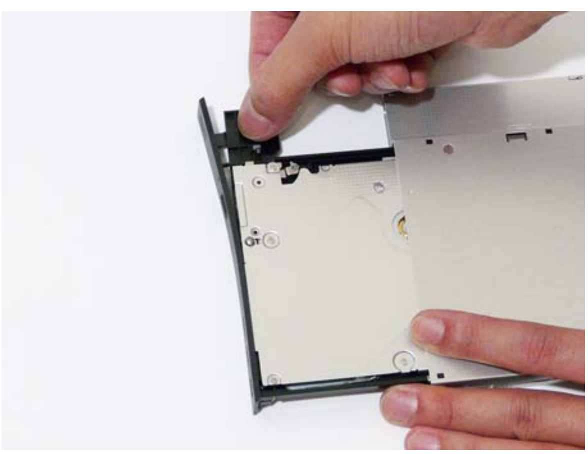


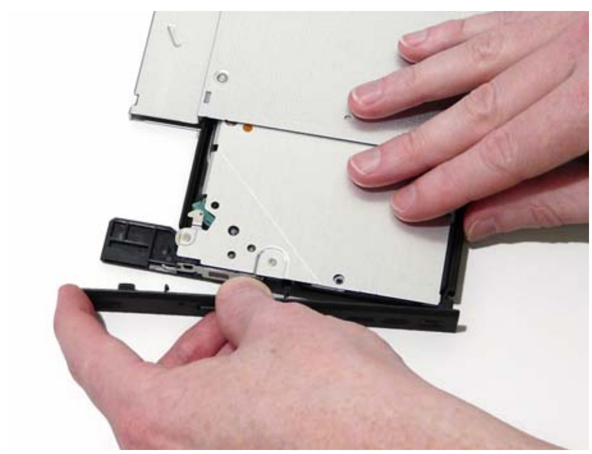
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| ODD Bracket | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 |  |

6. Insert a pin in the eject hole of the ODD to eject the ODD tray.



7. Press down on the locking catch to release the ODD cover and remove.

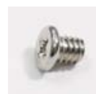




# Removing the Secondary Hard Disk Drive Module

1. Remove the Battery. See “Removing the Battery Pack” on page 44.
2. Remove the HDD2 Cover. See “Removing the Lower Covers” on page 47.
3. Remove the two securing screws from the HDD.

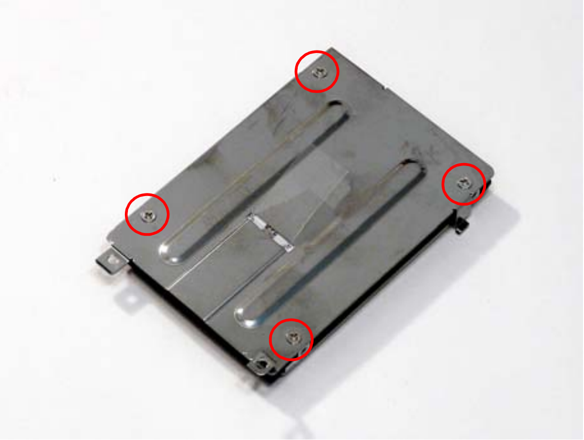



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| HDD2 Carrier | M2.0*3.0-I (BKAG) (NYLOK) IRON | 2 |  |

4. Grasp the Pull Tab and pull the HDD out of the bay as shown.

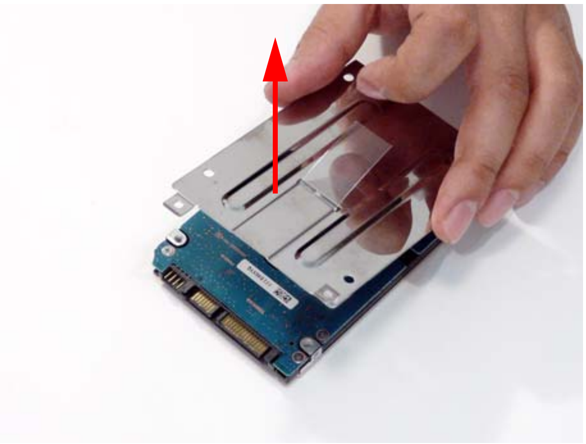


5. Remove the four screws securing the HDD to the carrier.



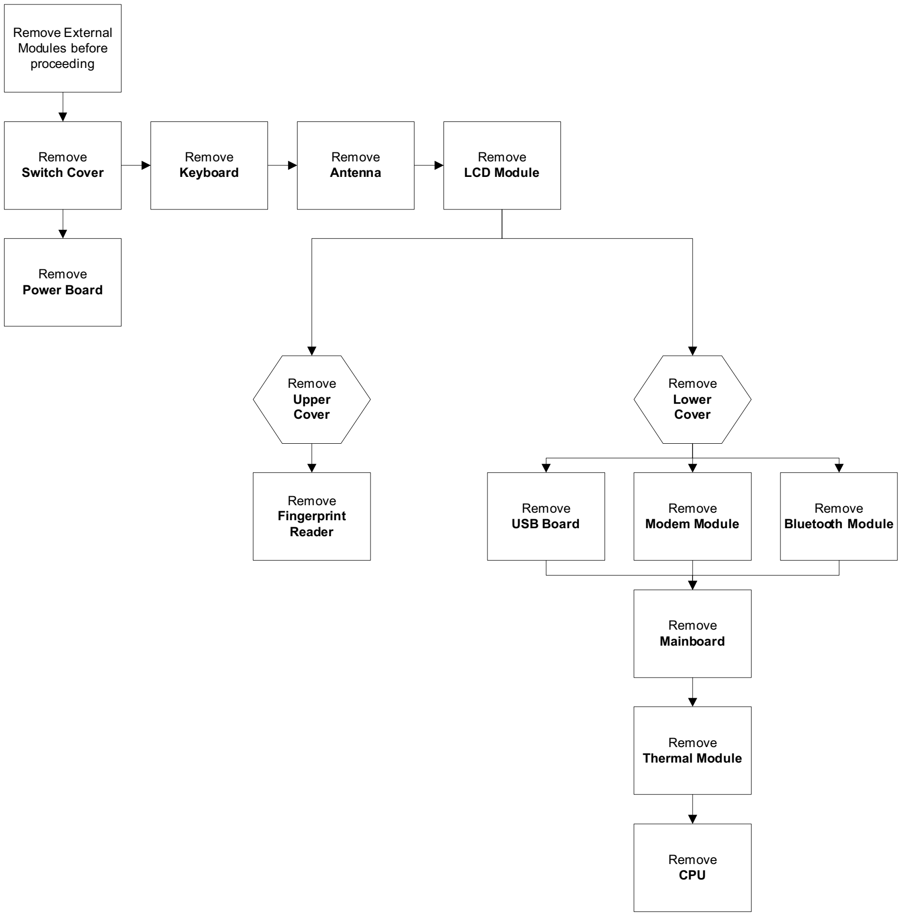
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| HDD2 Carrier | M3*0.5+3.5I | 4 |  |

6. Lift the HDD carrier to remove.



# Main Unit Disassembly Process

## Main Unit Disassembly Flowchart



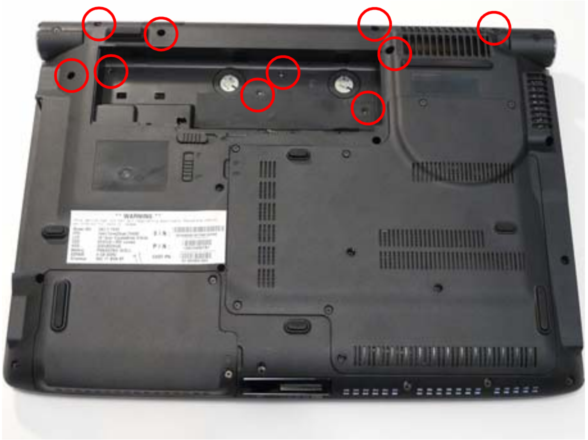

### Screw List

| Step | Screw | Quantity | Part No. |
|---|---|---|---|
| Switch Cover | M2.5*6.5-I (BZN(NYLOK-RED) | 10 | 86.ARE07.001 |
| Power Board | M2.0*3.0-I (BKAG) (NYLOK) IRON | 3 | 86.ARE07.002 |
| Speaker Module | M3*3 (not available for order) | 3 | N/A |
| | M2.5*4.0-I (NI)(NYLOK) | 2 | 86.D01V7.001 |
| LCD Module | M2.5*5-I (BNI)(NYLOK) | 4 | 86.A03V7.003 |
| Upper Cover | M2.0*3.0-I-NI-NYLOK | 5 | 86.A08V7.005 |
| | M2.5*6.5-I (BZN(NYLOK-RED) | 11 | 86.ARE07.001 |
| | M2.5*6.5-I (BZN(NYLOK-RED) | 10 | 86.ARE07.001 |
| F/P Reader | M2.0*3.0-I-NI-NYLOK | 3 | 86.A08V7.005 |
| USB Board | M2.0*3.0-I (BKAG) (NYLOK) IRON | 1 | 86.ARE07.002 |
| Modem Module | M2.0*3.0-I-NI-NYLOK | 2 | 86.A08V7.005 |
| Bluetooth Module | M2.0*3.0-I-NI-NYLOK | 1 | 86.A08V7.005 |
| Mainboard | M2.5*4.0-I (NI)(NYLOK) | 3 | 86.D01V7.001 |
| Thermal Module | M2.5*4.0-I (NI)(NYLOK) | 2 | 86.D01V7.001 |

# Removing the Switch Cover

**CAUTION:** Using tools to remove the Switch Cover may cause damage to the outer casing. It is recommended that only fingers are used to remove the Switch Cover.

1. See "Removing the Battery Pack" on page 44.
2. Place the computer on a clean dry surface.
3. Locate and remove the ten securing screws on the bottom of the computer.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Switch Cover | M2.5*6.5-I (BZN(NYLOK-RED) | 10 |  |

4. Turn the computer over and open the LCD module to expose the Switch Cover.

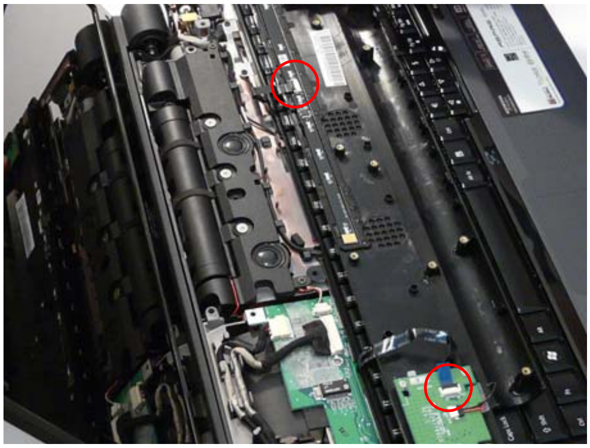
**IMPORTANT:** The LCD module does not fully extend. Damage will occur if you attempt to extend the LCD module beyond the manufacturer's design.

5. Lift the Switch Cover as shown, and place over the keyboard.

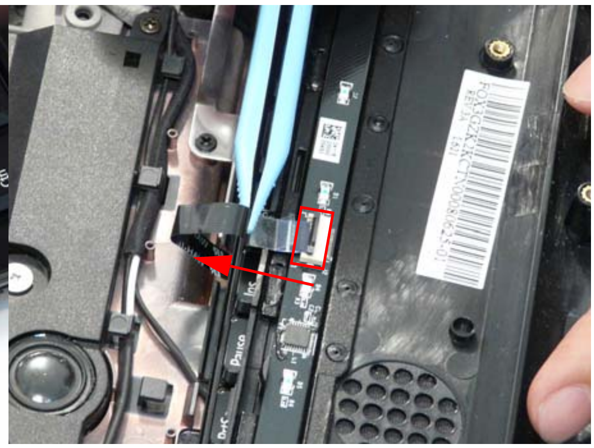
**IMPORTANT:** Do not remove at this point. FFC cables are still attached on the underside.



6. Disconnect the two FFC cables as shown.



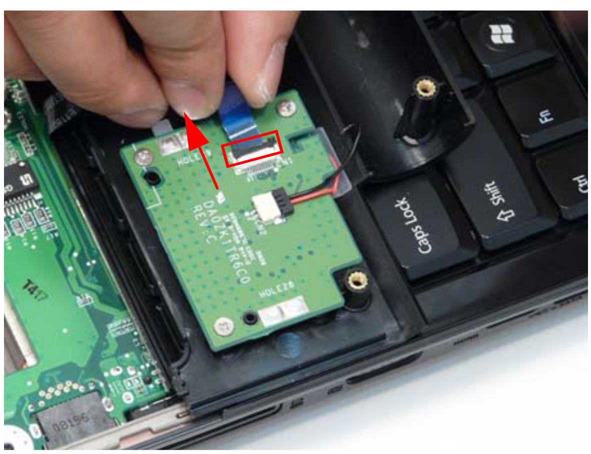


7. Lift the Switch Cover clear of the chassis.

## Removing the Power Board

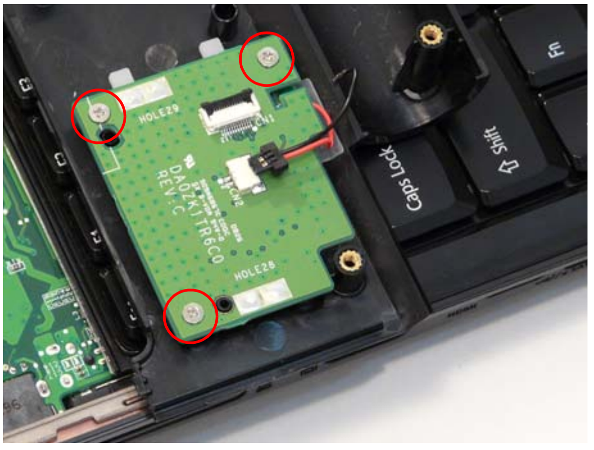
1. See “Removing the Battery Pack” on page 44.
2. Expose the bottom side of the Switch Cover. See “Removing the Switch Cover” on page 60.
3. Unlock the connector to remove the FFC cable.

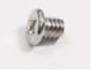


4. Grasp the cable and disconnect from the Power Board.

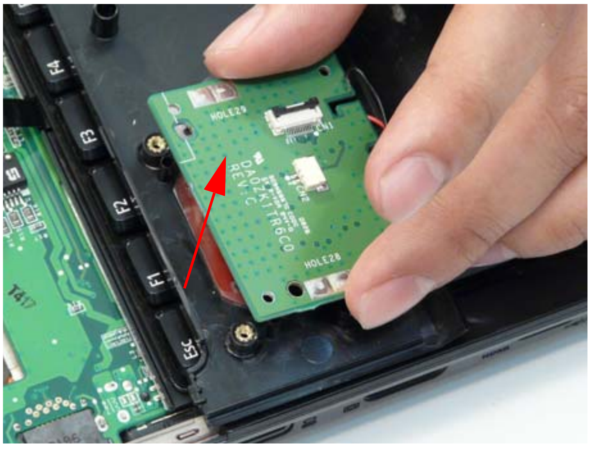


5. Remove the three securing screws from the Power Board.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Power Board | M2.0*3.0-I (BKAG) (NYLOK) IRON | 3 |  |

6. Hold the module by the sides and lift to remove.

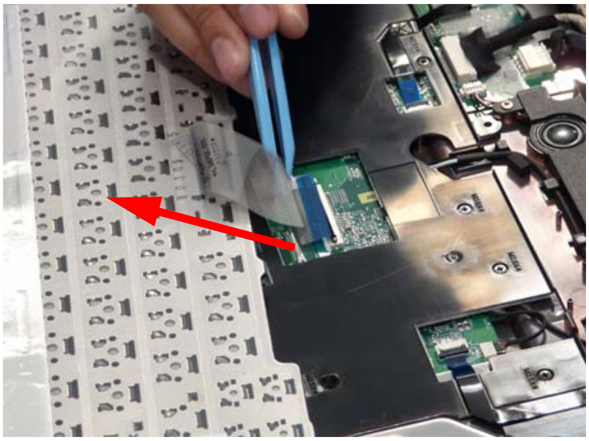


# Removing the Keyboard

1. Remove the Switch Cover. See “Removing the Switch Cover” on page 60.
2. Lift and turn the keyboard over (as shown) to expose the FFC.



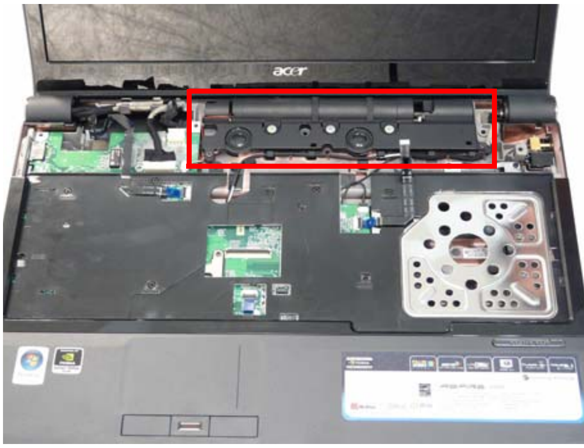
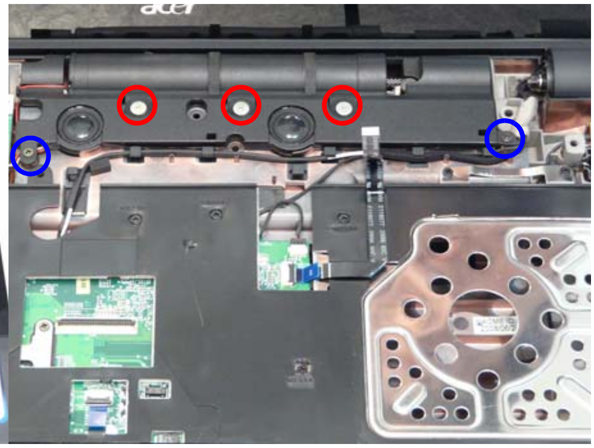
3. Unlock the connector and pull the FFC to remove.

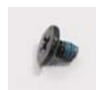


4. Remove the keyboard from the chassis.

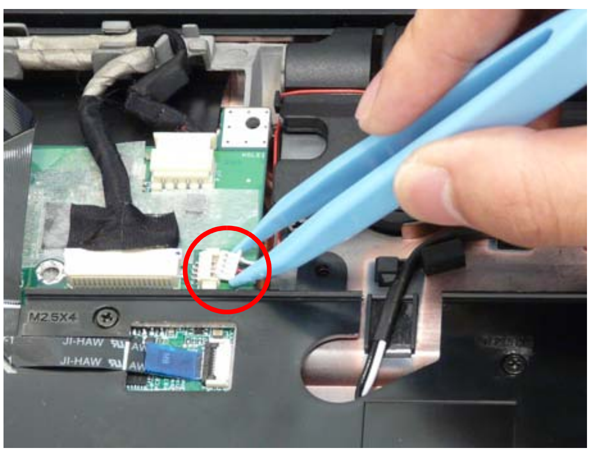
# Removing the Speaker Module

1. Remove the Keyboard. See “Removing the Keyboard” on page 63.
2. Remove the three securing screws (red in the following image) from the Subwoofer Module.
3. Remove the two securing screws (blue in the following image) the Speaker Module.

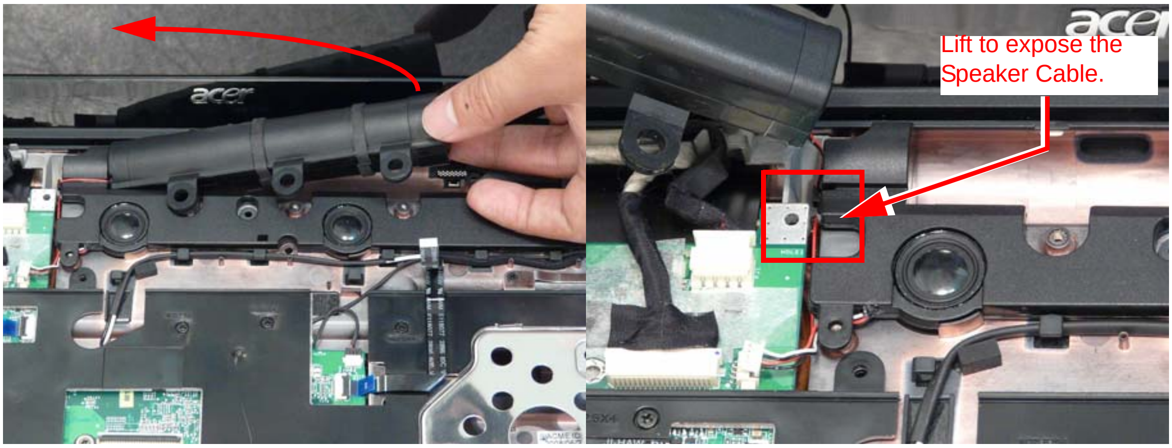



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Subwoofer Module<br>(red callout) | M3*3<br>(not available for order) | 3 |  |
| Speaker Module<br>(blue callout) | M2.5*4.0-I (NI)(NYLOK) | 2 |  |

4. Disconnect the speaker cable as shown.

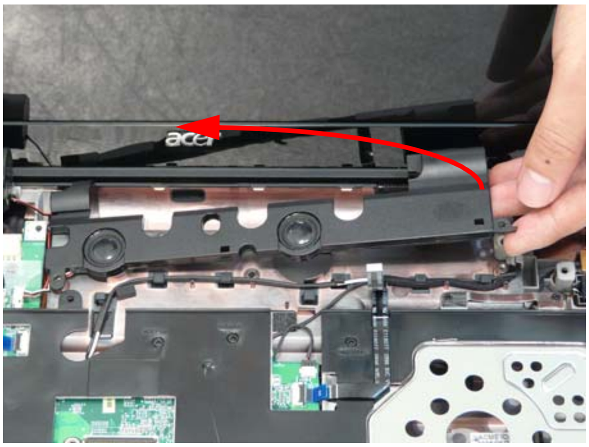


5. Grasp the Subwoofer Module from the RIGHT side as shown and tilt over and to the left, as shown.



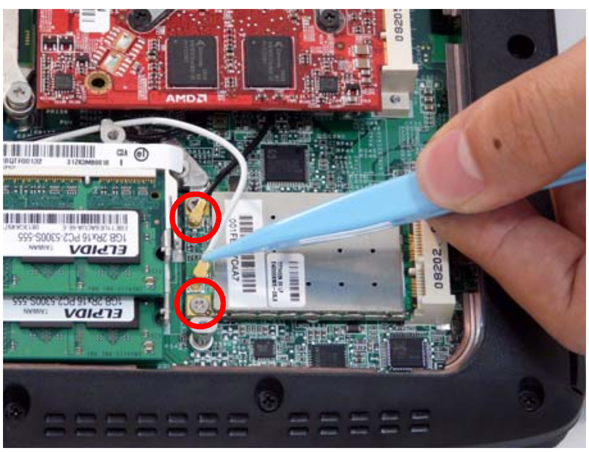

**NOTE:** The Subwoofer Module is not a replacable part. Do NOT remove from the computer.

6. Grasp the Speaker Module by the right side and tilt up to remove.

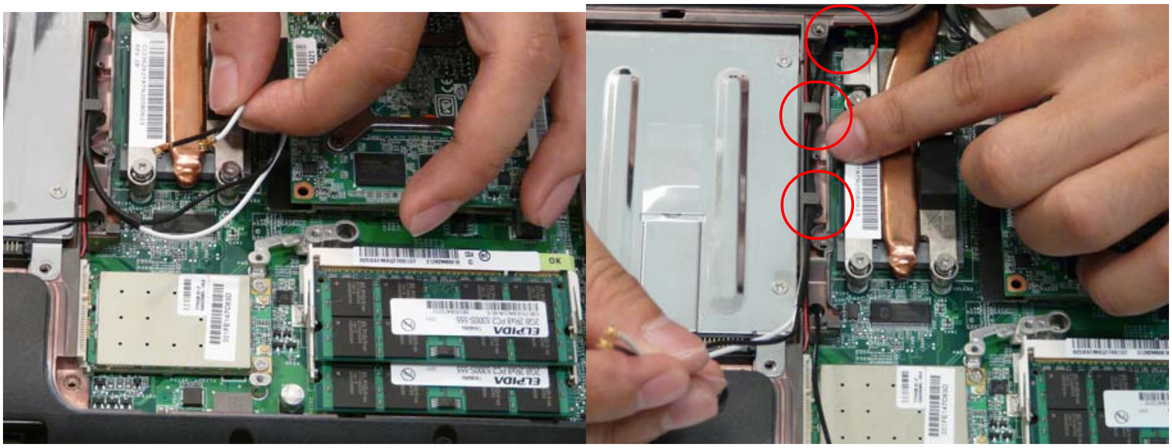


# Removing the Antenna Cables

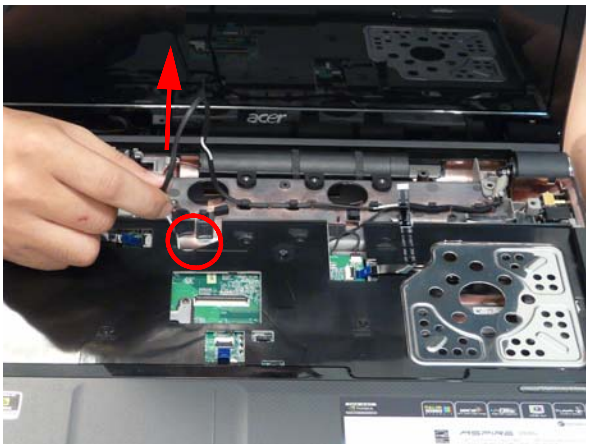
1. Remove the Lower Cover. See “Removing the Lower Covers” on page 47.
1. Remove the Speaker Module. See “Removing the Speaker Module” on page 64.
2. Turn the computer upside down, and disconnect the Antenna Cables from the WLAN module.



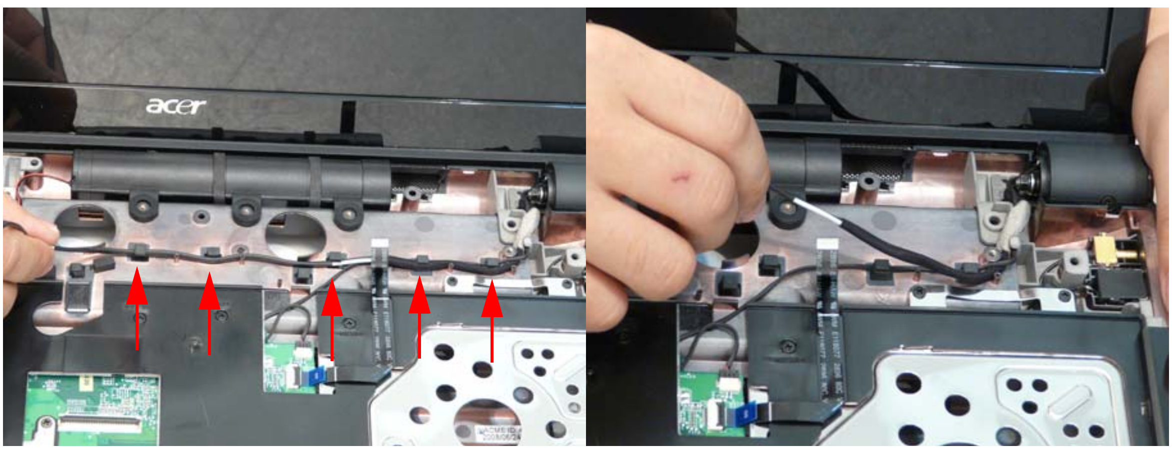
3. Pull back the cables away and out of the housing well.



4. Turn the computer over (upper base facing up) to expose the Antenna cables.
5. After removing the Speaker Modules, grasp the Antenna cables sitting underneath. Pull through.



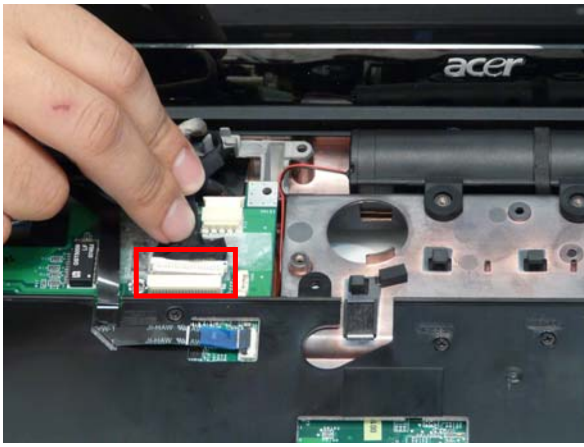
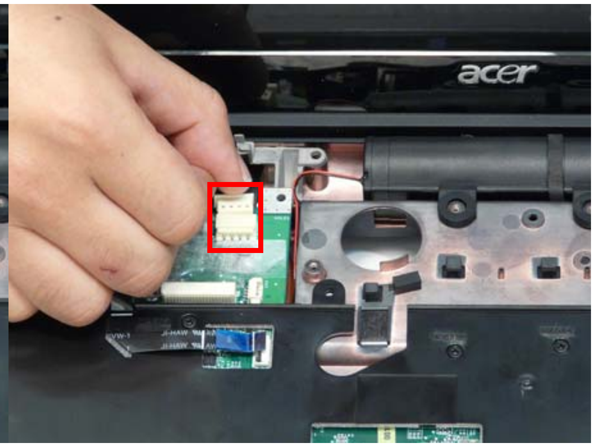
6. Continue to remove the cables until they are completely out of the housing well.



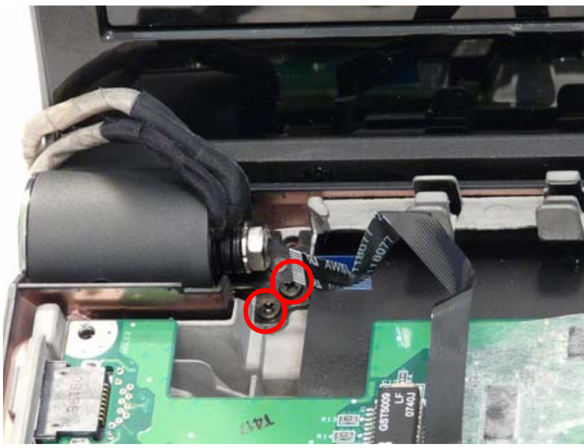
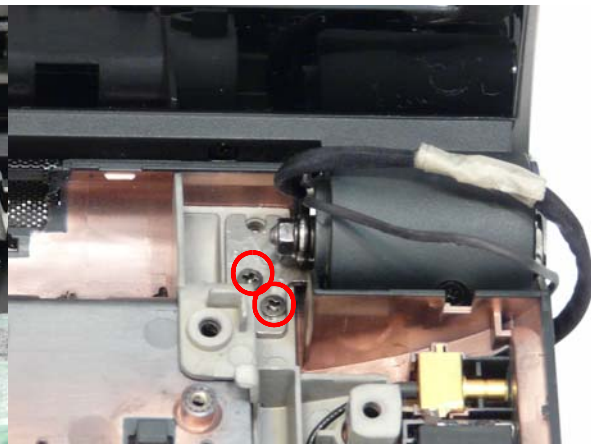
**NOTE:** Place the cables to one side to avoid damage.

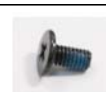
# Removing the LCD Module

1. Disconnect the Antenna cables. See “Removing the Antenna Cables” on page 65.
2. Disconnect the LCD and Power cables.

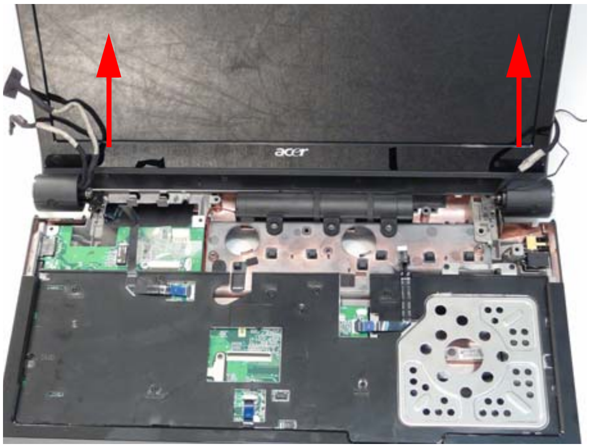



3. Remove the four securing screws (two on each hinge) from the LCD hinges.

| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| LCD Module | M2.5*5-I (BNI)(NYLOK) | 4 |  |

4. Carefully remove the LCD module from the chassis.



# Removing the Upper Base

1. Remove the LCD module. See “Removing the LCD Module” on page 67.
2. Turn the computer over. Remove the ten screws on the bottom panel.

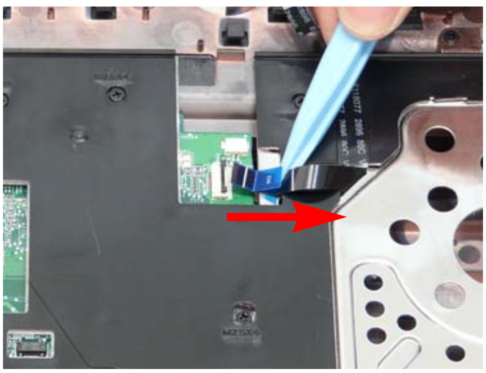


| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Upper Cover (Red call out) | M2.0*3.0-I-NI-NYLOK | 2 |  |
| Upper Cover (Blue call out) | M2.5*6.5-I (BZN(NYLOK-RED) | 11 |  |

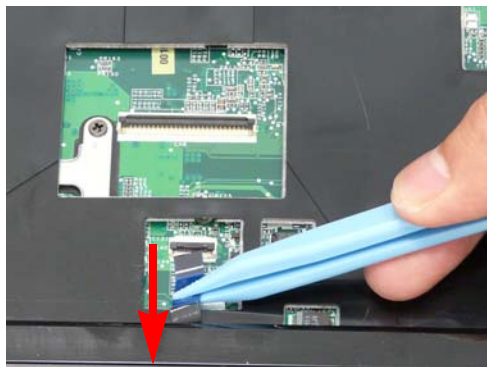
**3.** Turn the computer over and disconnect the three FFC cables from the mainboard.



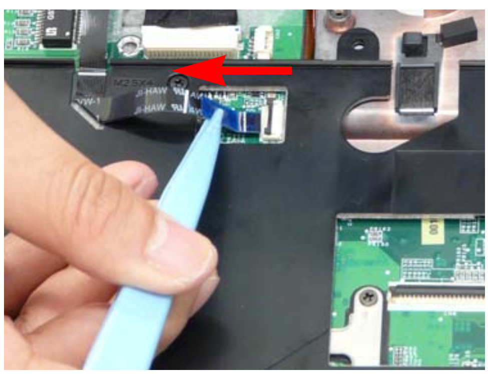

Unlock the connector and disconnect A as shown.



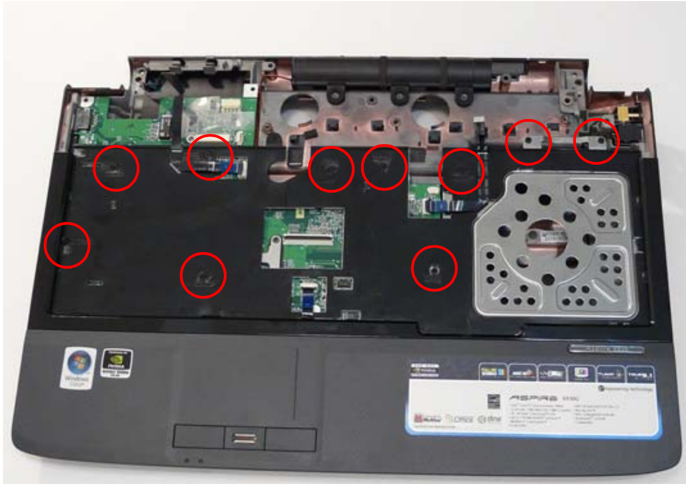
Unlock the connector and disconnect B as shown.

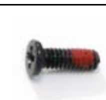


Unlock the connector and disconnect C as shown.



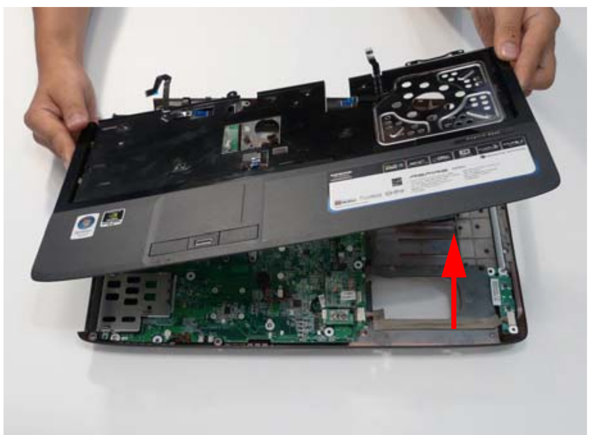
4. Remove the ten securing screws on the top panel.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Upper Cover | M2.5*6.5-I (BZN(NYLOK-RED) | 10 |  |

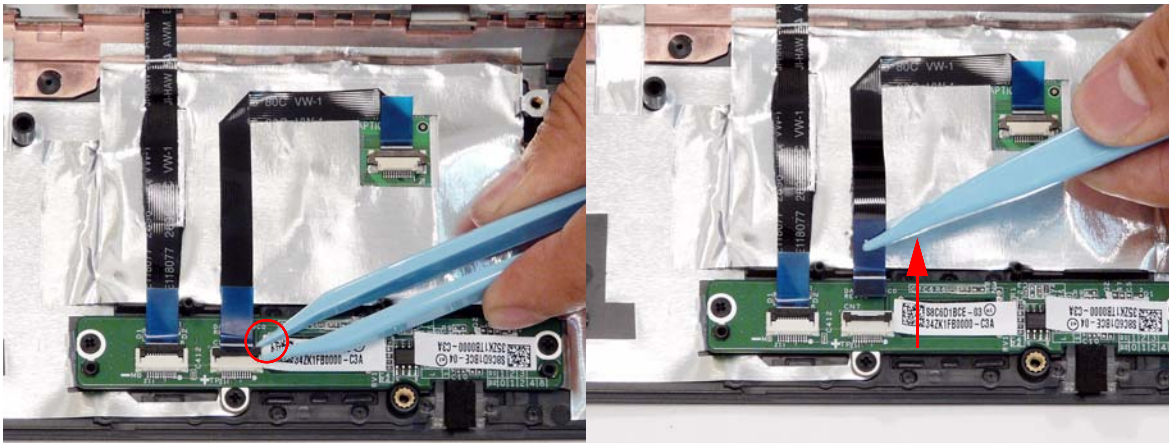
**WARNING:**Care must be taken when removing the Upper Base from the Lower Base to prevent damage or stress to the surface.

5. Grasp the upper base by the sides and gently lift to remove.

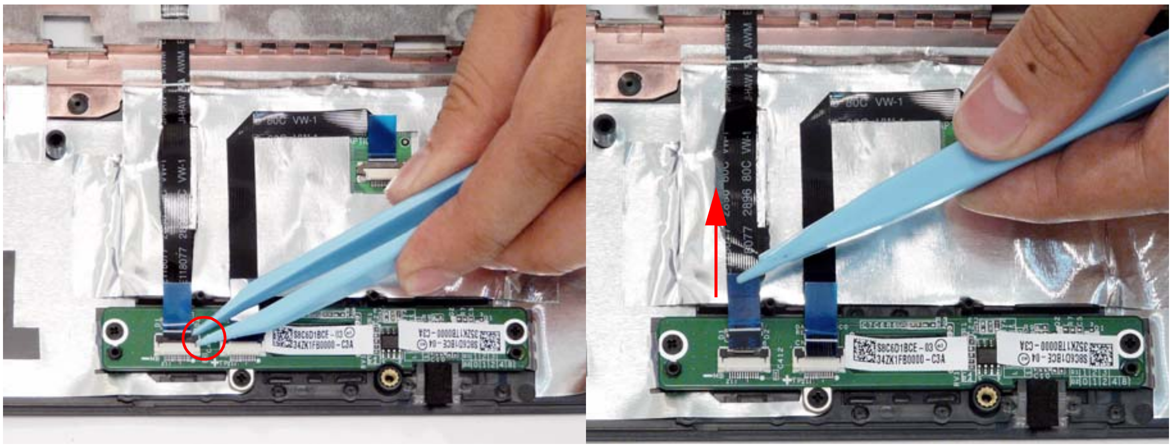


# Removing the Finger Print Reader

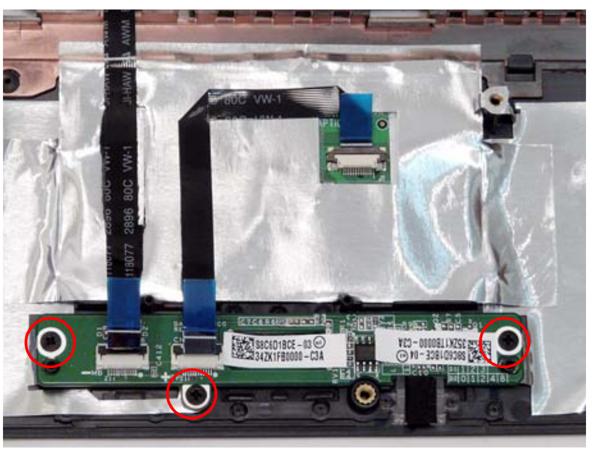
1. Remove the Upper Base. See “Removing the Upper Base” on page 68.
2. Unlock the securing latch and disconnect the Touch Pad FFC.

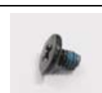


3. Unlock the securing latch and disconnect the Finger Print Reader FFC.

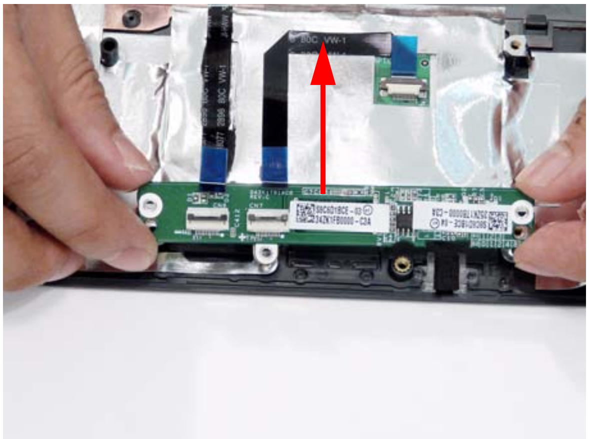


4. Remove the three securing screws.



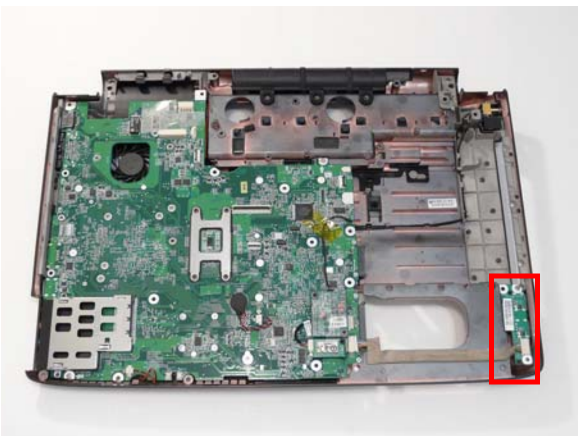
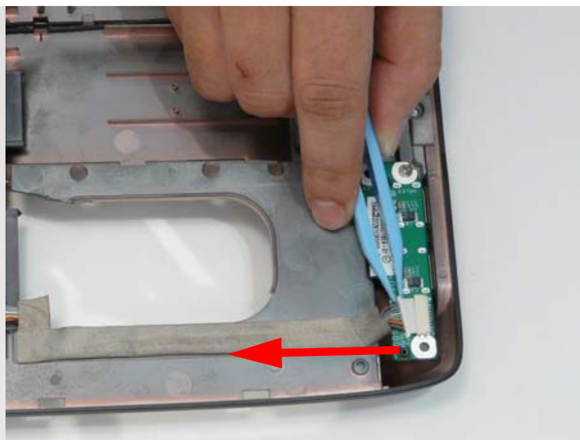
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Finger Print Reader | M2.0*3.0-I-NI-NYLOK | 3 |  |

5. Using your fingers, gently lift the Finger Print Reader board from the Upper Base.



## Removing the USB Board

1. Remove the Upper Base. See “Removing the Upper Base” on page 68.
2. Grasp the cable connector and pull to remove from the bottom base.

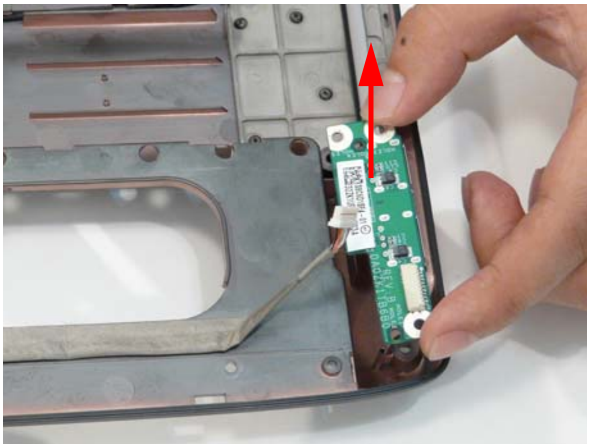



3. Remove the single securing screw from the USB board.



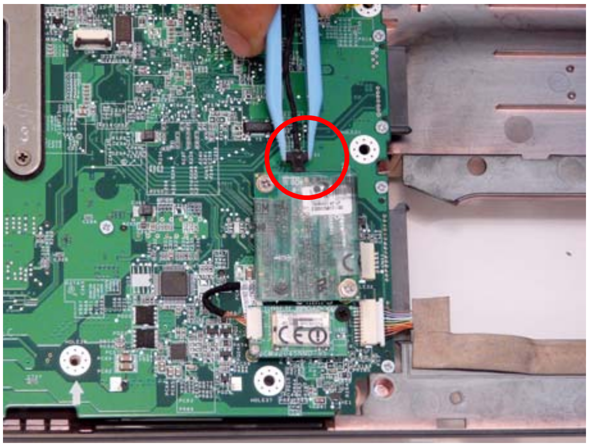
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| USB Board | M2.0*3.0-I (BKAG) (NYLOK) IRON | 1 |  |

4. Hold the USB board by the edges and pull up to remove.

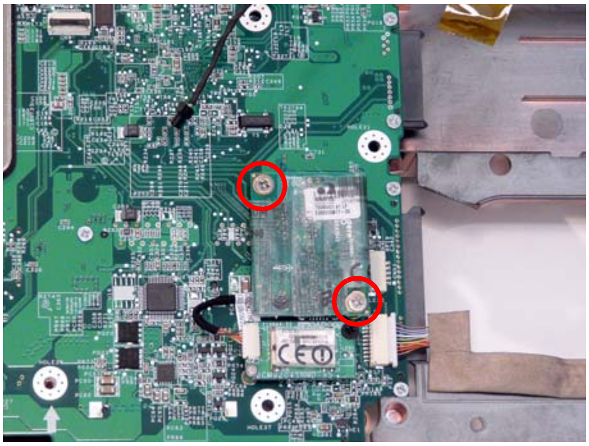


## Removing the Modem Module

1. Remove the Upper Base. See “Removing the Upper Base” on page 68.
2. Disconnect the RJ-11 cable from the modem as shown.

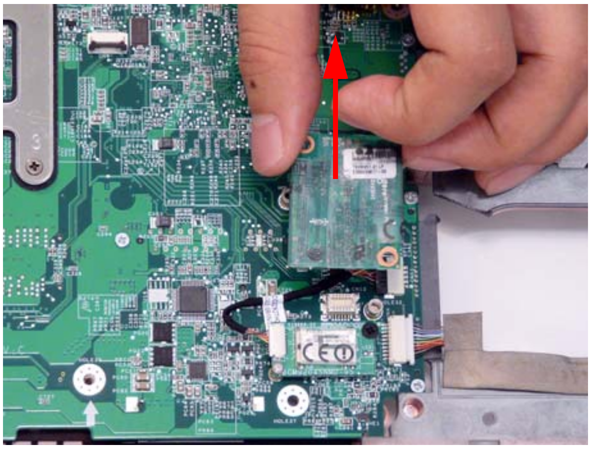


3. Remove the two (2) securing screws.



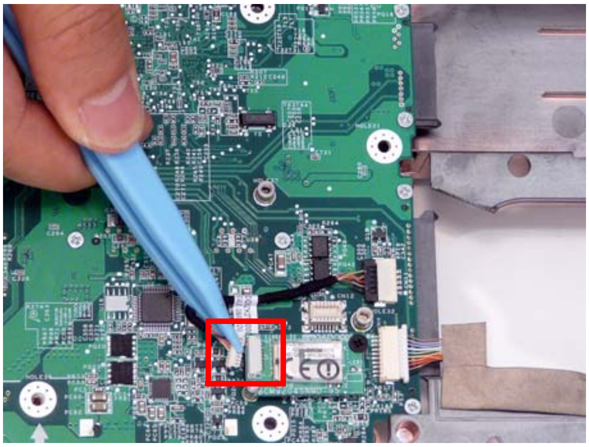
| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Modem Module | M2.0*3.0-I-NI-NYLOK | 2 |  |

4. Lift the module and remove from the lower cover as shown.

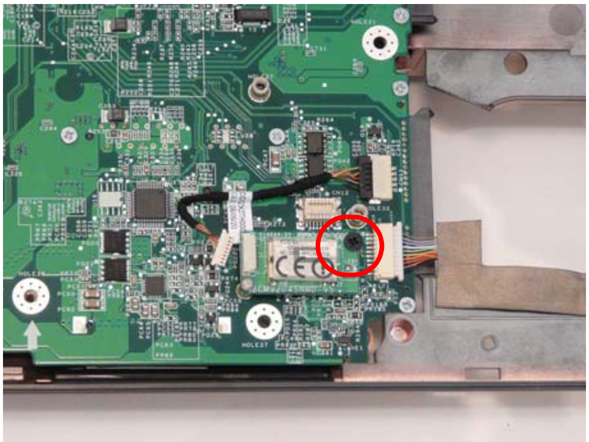


## Removing the Bluetooth Module

1. Remove the Modem Module. See “Removing the Modem Module” on page 73.
2. Grasp the cable as shown and pull to disconnect from the Bluetooth module.

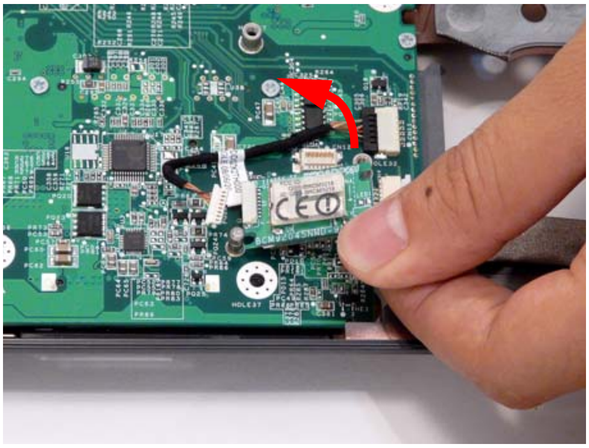


3. Remove the single securing screw.



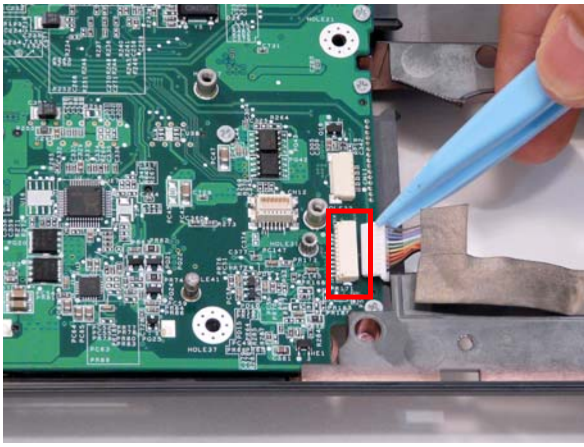
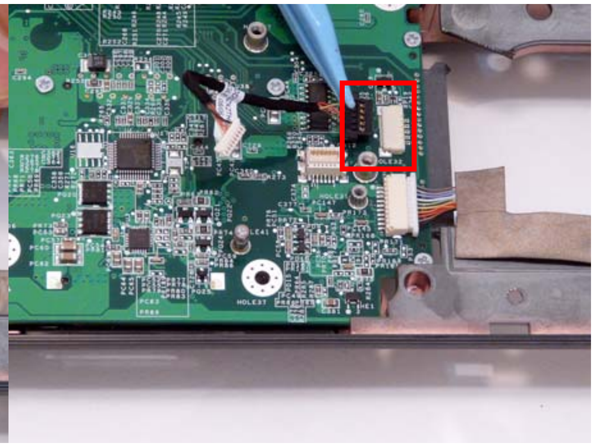
| Step | Size | Quantity | Screw Type |
| --- | --- | --- | --- |
| Bluetooth Module | M2.0*3.0-I-NI-NYLOK | 1 |  |

4. Grasp the module by the right side and lift up to remove.

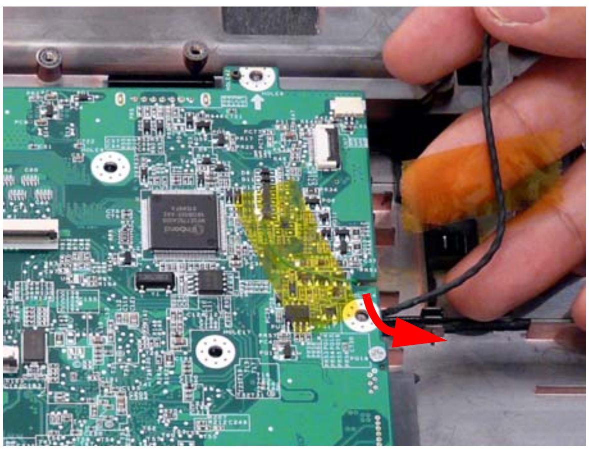


## Removing the Mainboard

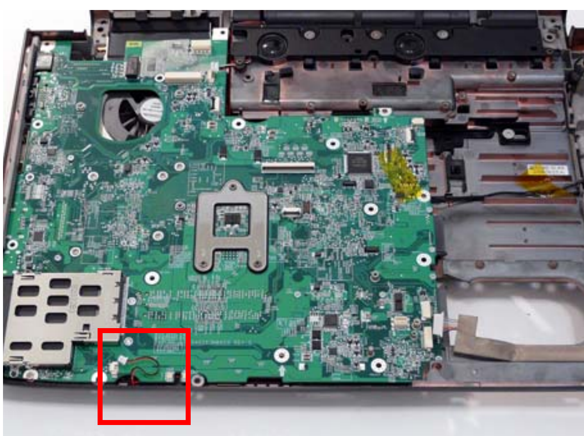
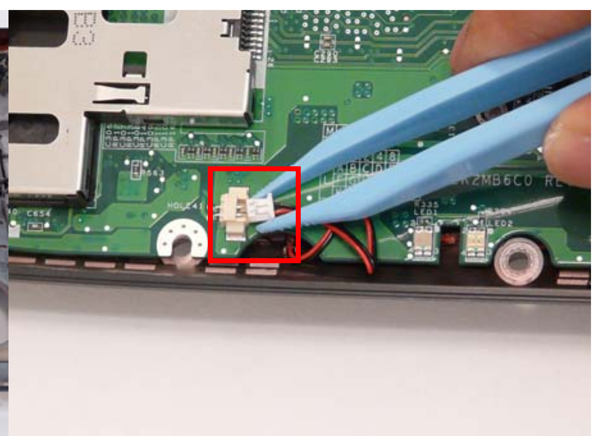
1. Remove the LCD Module. See “Removing the LCD Module” on page 67.
2. Remove the Upper Base. See “Removing the Upper Base” on page 68.
3. Remove the See “Removing the Modem Module” on page 73.
4. Remove the Bluetooth Module. See “Removing the Bluetooth Module” on page 74.
5. Disconnect the USB and Bluetooth cables remaining on the mainboard.

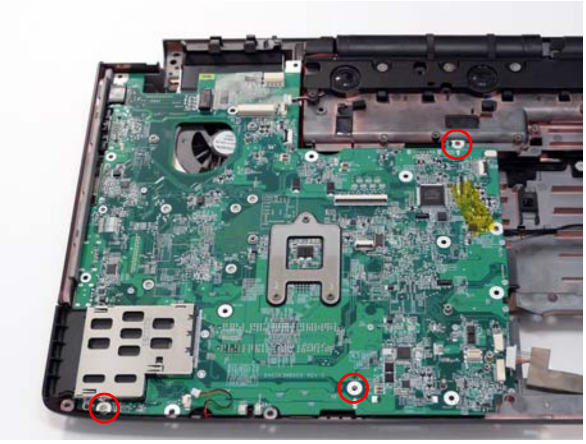
6. Grasp the RJ-11 cable and remove it from the mainboard cable notch as shown.



7. Disconnect the Subwoofer cable attached to the mainboard.

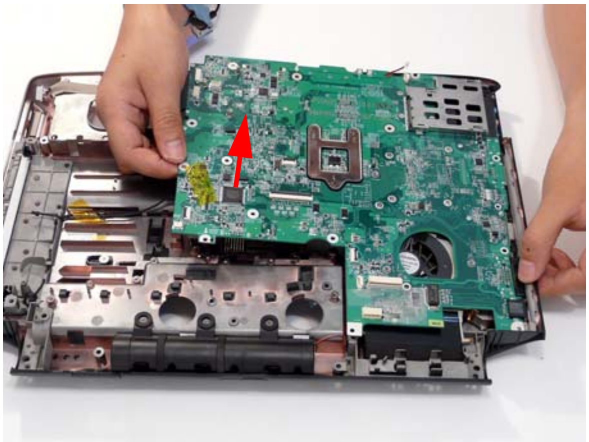



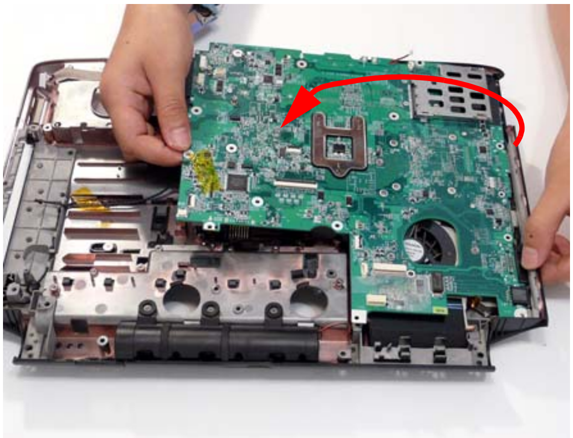
8. Remove the three securing screws.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| Mainboard | M2.5*4.0-I (NI)(NYLOK) | 3 |  |

9. While holding the left side of the Lower Base, lift and pivot the mainboard to remove from the base.

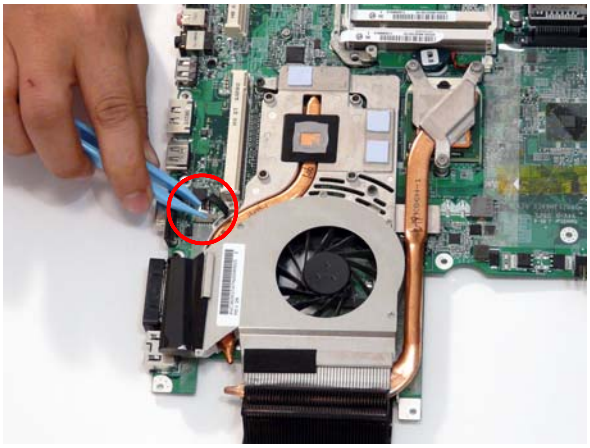




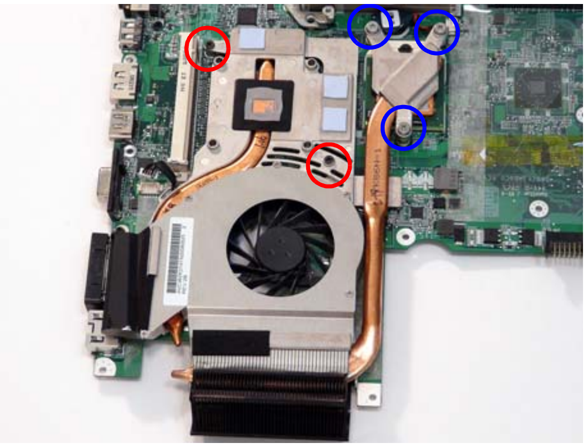
10. Grasp the mainboard by both sides and pivot upwards to remove.

## Removing the Thermal Module

1. Remove the Mainboard. See “Removing the Mainboard” on page 76.
2. Turn the Mainboard over and place on a clean surface.
3. Hold the cable connector and lift to disconnect from the mainboard.



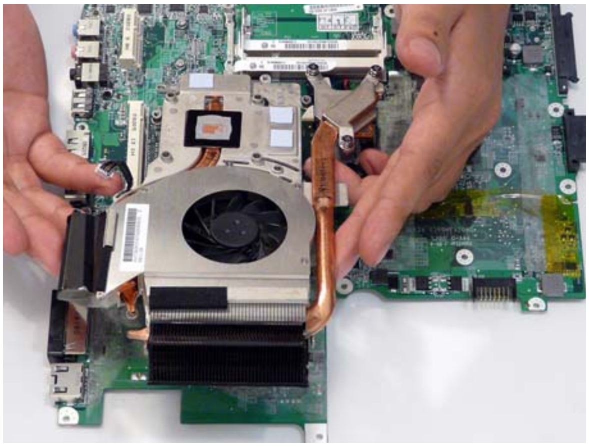
4. Remove the two securing screws (red) and loosen the three captive screws (blue) found on the Thermal Module.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| CPU Thermal Module<br>(red call out) | M2.5*4.0-I (NI)(NYLOK) | 2 |  |

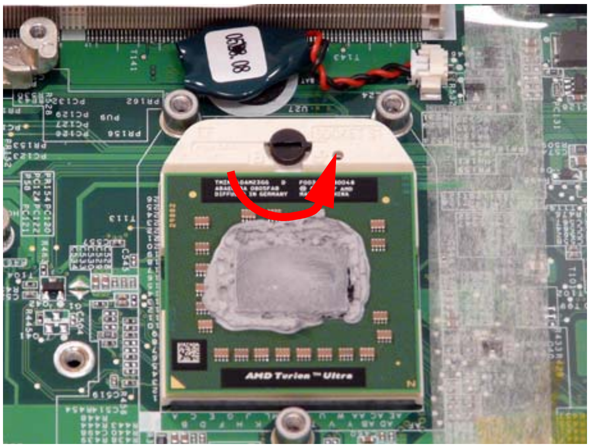
**WARNING:**To prevent damage to the Thermal Module or the CPU, hold and lift the Thermal Module by lifting both ends up and away at the same time.

5. Hold the module on both sides and lift it clear of the Mainboard.

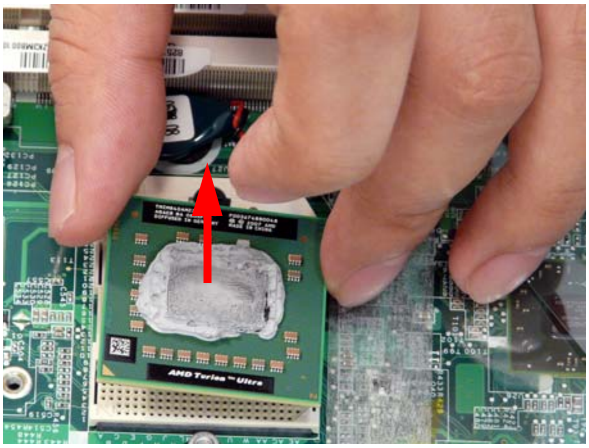


## Removing the CPU

1. Remove the Thermal Module. See “Removing the Thermal Module” on page 78.
2. Using a flat screwdriver, turn the CPU socket latch counter-clockwise 180° to release the CPU.

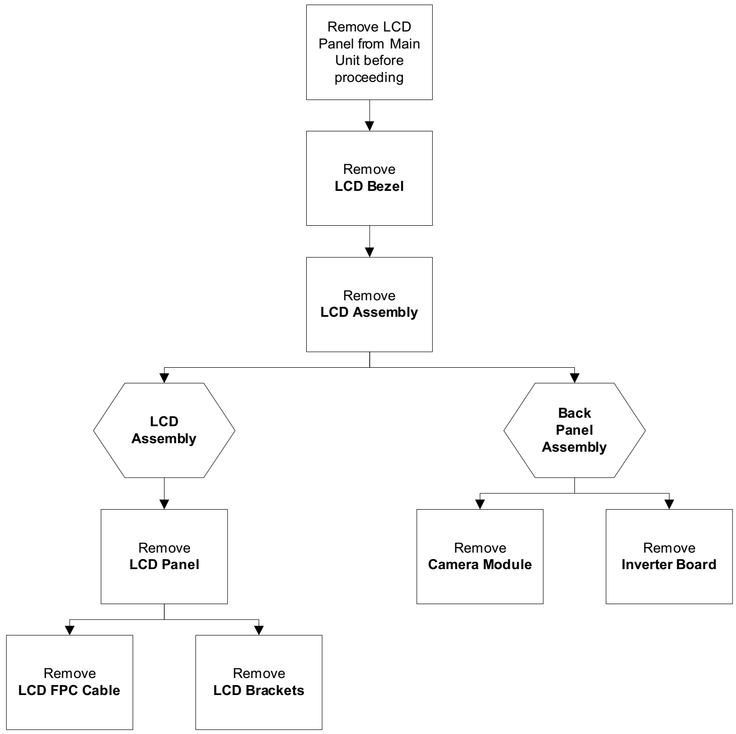


3. Lift the CPU clear of the Mainboard.



# LCD Module Disassembly Process

## LCD Module Disassembly Flowchart




### Screw List

| Step | Screw | Quantity | Part No. |
|---|---|---|---|
| LCD Bezel | M2.5*6.5-I (BZN(NYLOK-RED) | 10 | 86.ARE07.001 |
| LCD Panel | M2.5*2.5-I (NI)(NYLOK) | 6 | 86.T25V7.010 |
| LCD Brackets | M2.0*3.0-I (BKAG) (NYLOK) IRON | 8 | 86.ARE07.002 |

# Removing the LCD Bezel

1. Remove the LCD module. See “Removing the LCD Module” on page 67.
2. Remove the four upper screw caps and screws, and the six remaining lower securing screws.




| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| LCD Bezel | M2.5*6.5-I (BZN(NYLOK-RED) | 10 |  |

3. Lift up the bezel, topside first, and remove it from the LCD Module.



4. Turn the bezel and pry the left side upwards, followed by the right side.



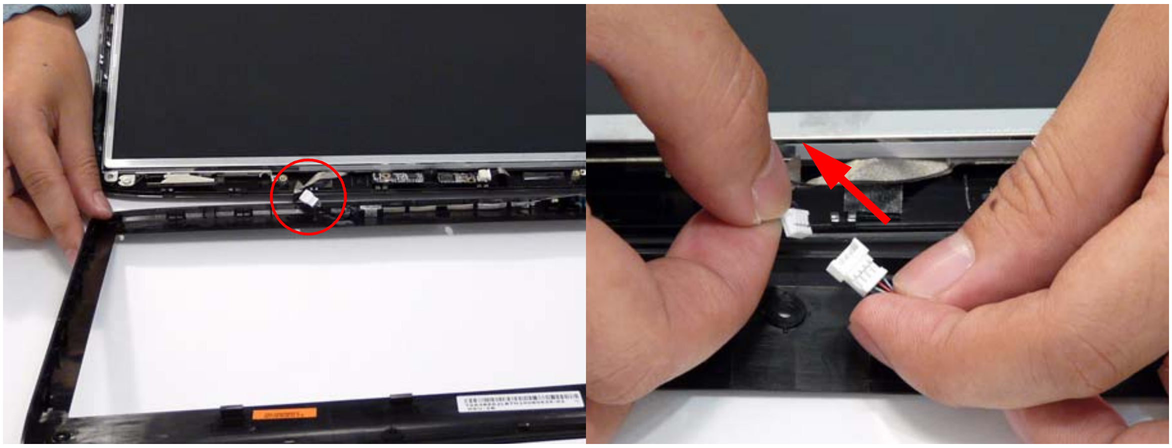

5. After removing the top part of the bezel, grasp the bottom corners and continue lifting up the bezel as shown.




6. Lift the bezel away from the panel and lay it flat to expose the Mic cable.



7. Disconnect the Mic cable and remove the LCD bezel.



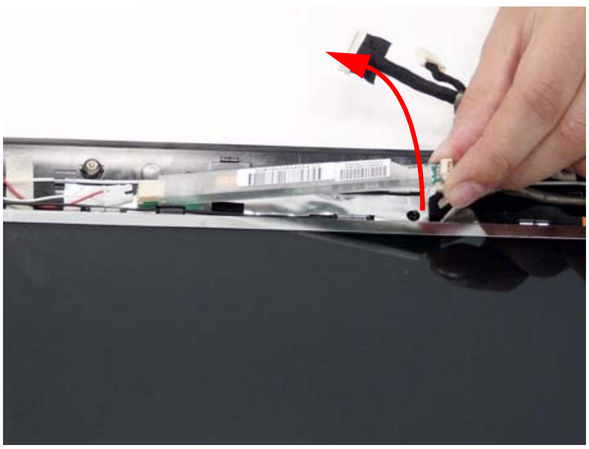
## Removing the Inverter Board

1. Remove the LCD Bezel. See “Removing the LCD Bezel” on page 81.
2. Disconnect both cables from the Inverter Board.



**NOTE:** If you are having difficulty removing the cables, first lift the Inverter Board from the back cover before disconnecting the cables.

3. Remove the Inverter board from the LCD Module.



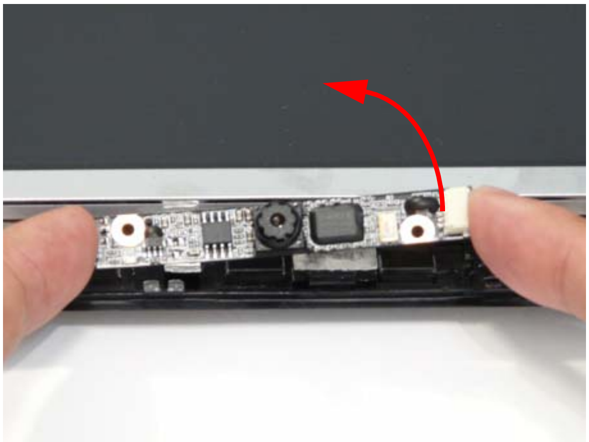
# Removing the Camera Module

1. Remove the LCD Bezel. See “Removing the LCD Bezel” on page 81.
2. Disconnect the Camera Module cable as shown.



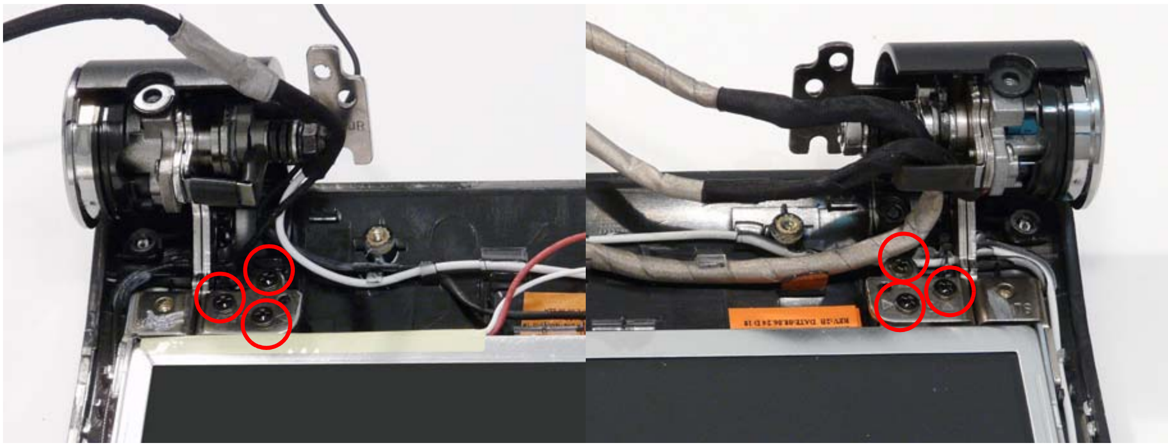
**NOTE:** If necessary lift the camera module to provide better access to the cables.

3. Place your finger on the ends of the module and pry it away from the cover.



# Removing the LCD Panel

1. Remove the LCD Bezel. See “Removing the LCD Bezel” on page 81.
2. Remove the six securing screws from the LCD hinges.

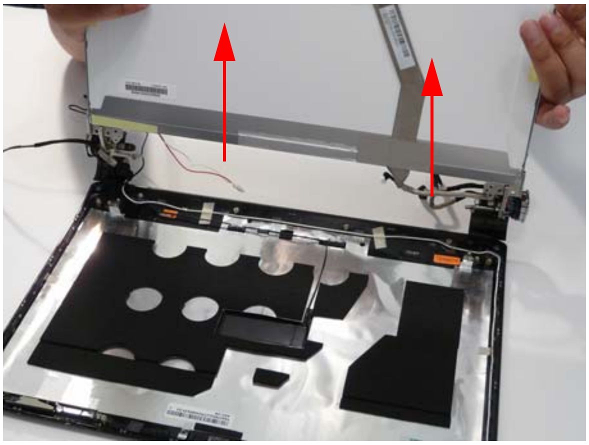


| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| LCD Panel | M2.5*2.5-I (NI)(NYLOK) | 6 |  |

3. Grasp the top of the LCD Panel and pivot upwards to a 90 degree angle.

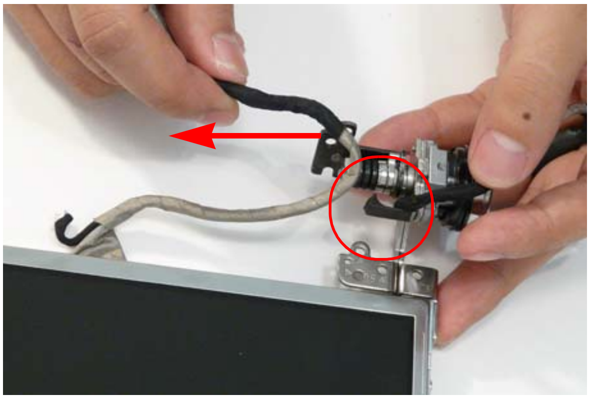


4. Once the panel is upright, lift the panel upwards taking care of the cables located in the hinges.

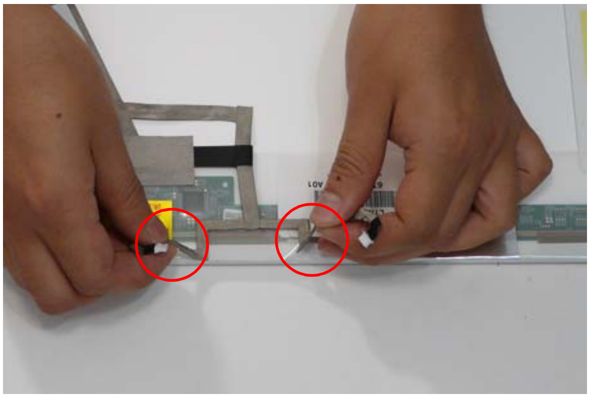


# Removing the LCD Brackets and FPC Cable

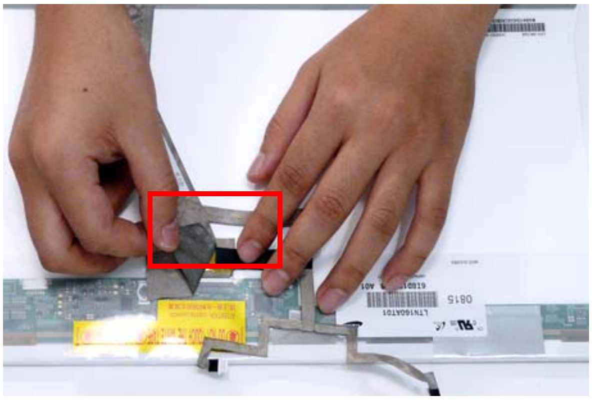
1. Remove the LCD panel. See “Removing the LCD Panel” on page 86.
2. Dislodge the LCD cable from the left LCD hinge as shown in the following image.



3. Turn the LCD Panel over on a clean surface, and grip the LCD cable by both ends and pull it back.

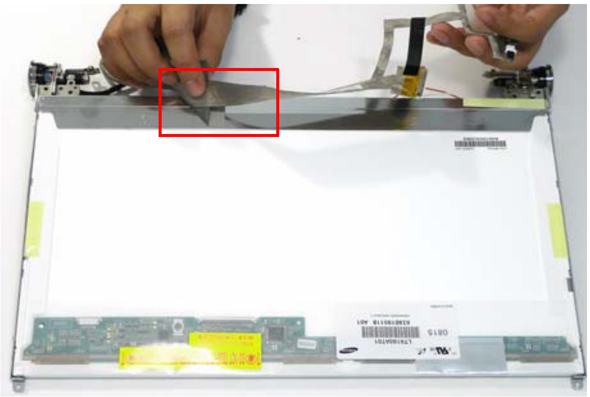


4. Grip the adhesive strip and pull it back.

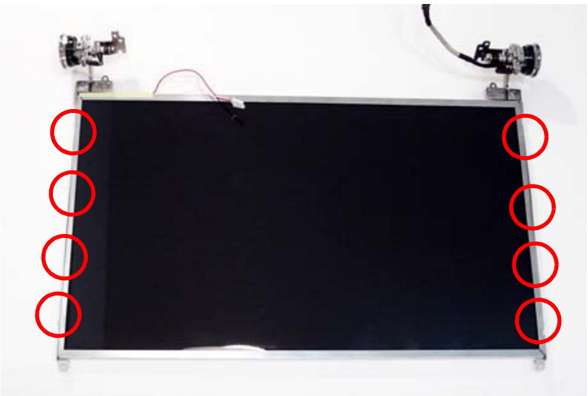


5. Continue to pull back the LCD cable.

6. Peel back the adhesive strip holding the cable to the bottom.

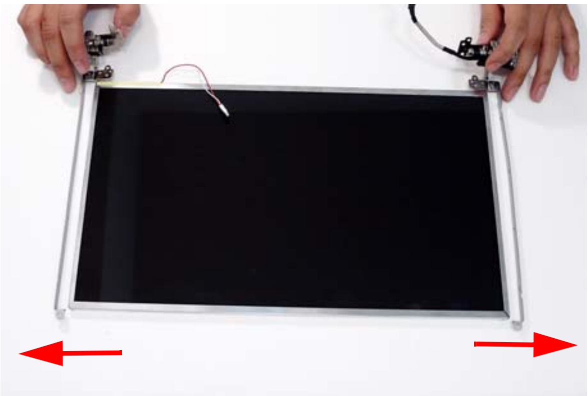


7. Remove the eight securing screws (four on each side) from the LCD Panel brackets.



| Step | Size | Quantity | Screw Type |
|---|---|---|---|
| LCD Brackets | M2.0*3.0-I (BKAG) (NYLOK) IRON | 8 |  |

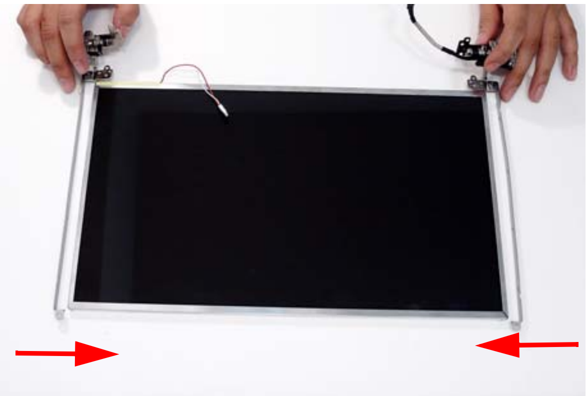
8. Remove the LCD brackets by pulling them away from the LCD Panel.



# LCD Module Reassembly Procedure

## Replacing the LCD Panel

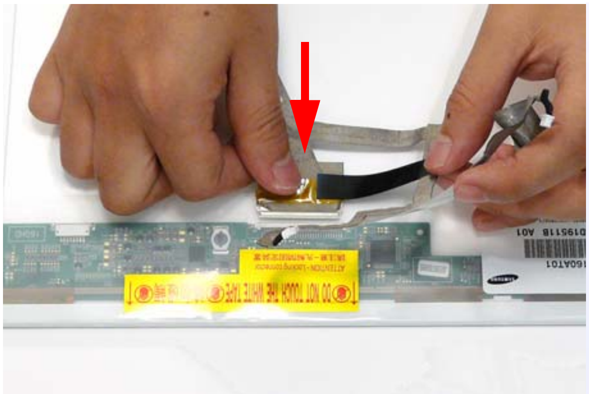
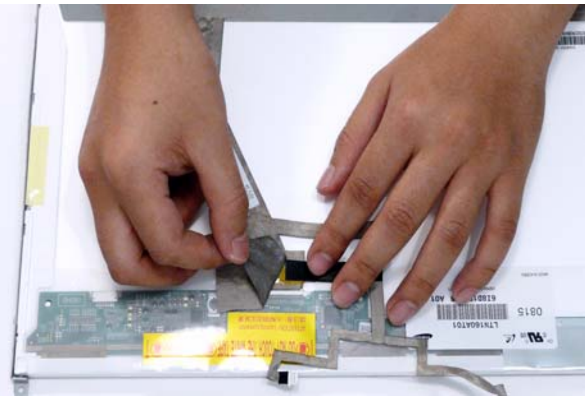
1. Align the LCD brackets with the eight screw holes (four on each side) on the LCD Panel as shown.



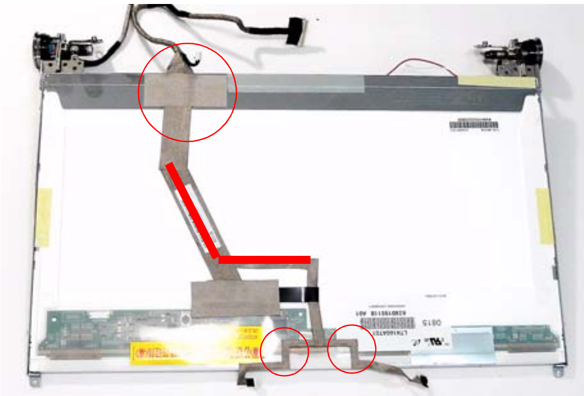
2. Secure the LCD brackets to the LCD panel.

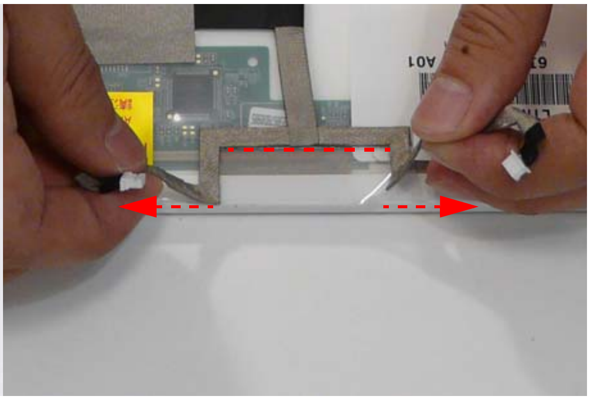


3. Turn the panel over. Insert the LCD Panel cable into the LCD Panel as shown. Secure the cable by replacing the securing strip.

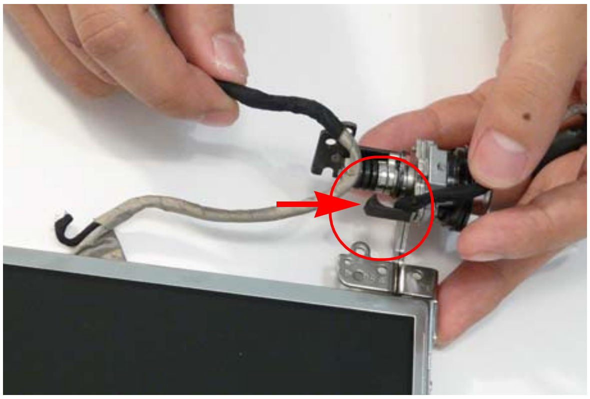



4. Replace the remaining securing strips and press down along the length of the cable to secure it in place ensuring the cable ends are in line with the edge of the panel.

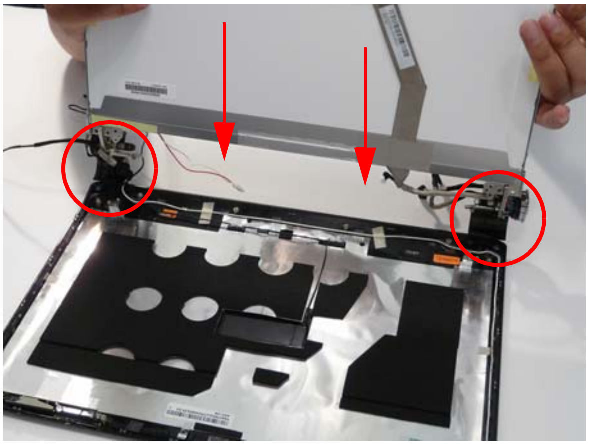




5. Turn the LCD Panel over and re-insert the LCD cable into the hinge retainer.



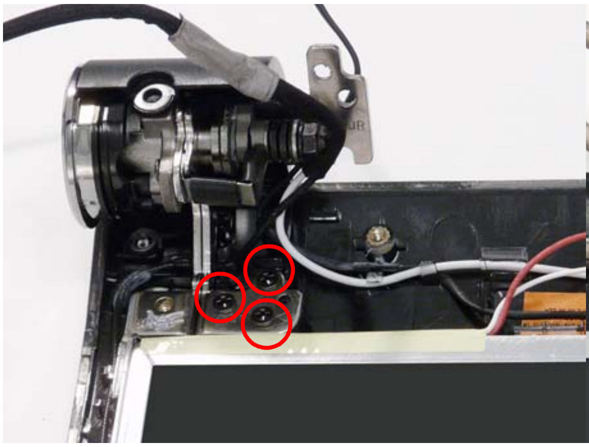
6. Align the brackets with the alignment wells in the back panel and lower the LCD brackets into the bracket wells as shown.

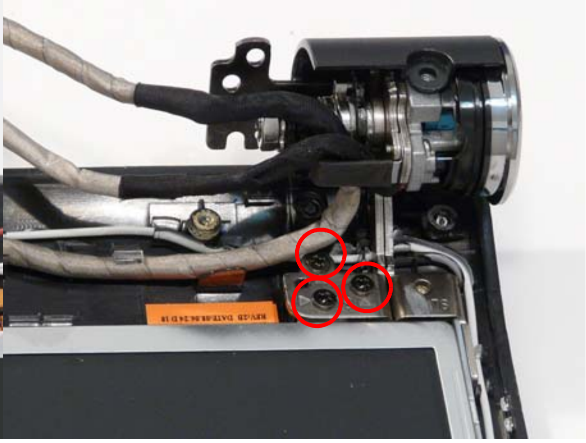


7. Pivot the LCD Panel down in place.
   **NOTE:** Ensure the CMOS and Inverter cables are not under the LCD Panel and correctly aligned.

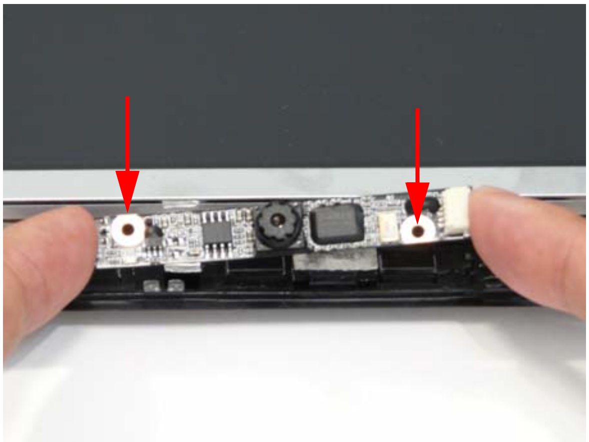


8. Replace the six screws to secure the panel within the LCD module.

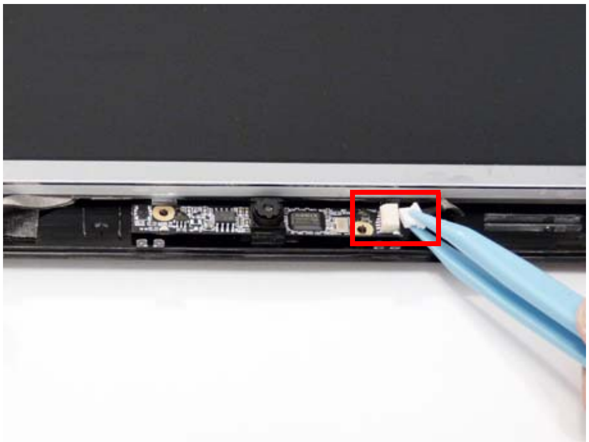




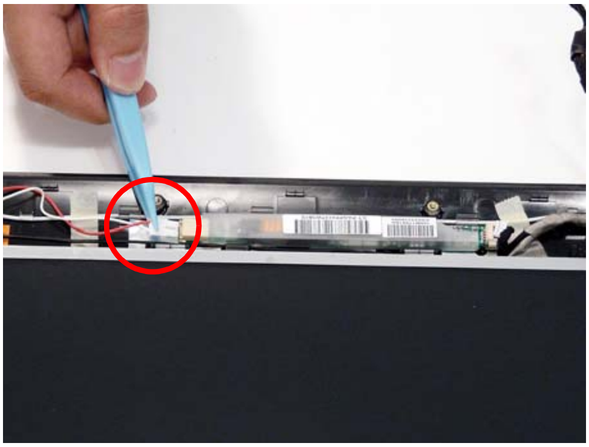
9. Locate the alignment pins (2) and replace the Camera Board taking care the pins protrude through the sockets.



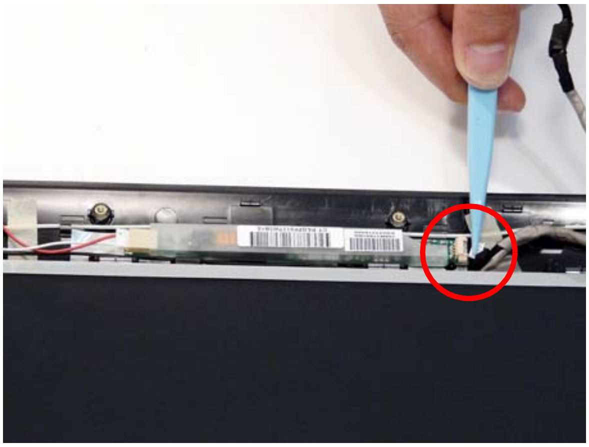
10. Connect the Camera Module cable as shown.



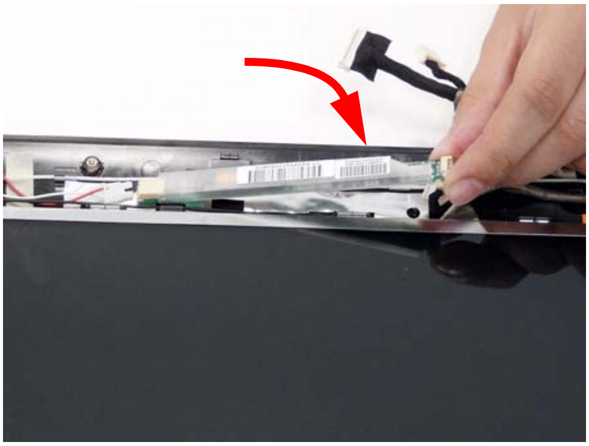
**11.** Connect the right Inverter board cable as shown.



**12.** Connect the left Inverter board cable as shown.



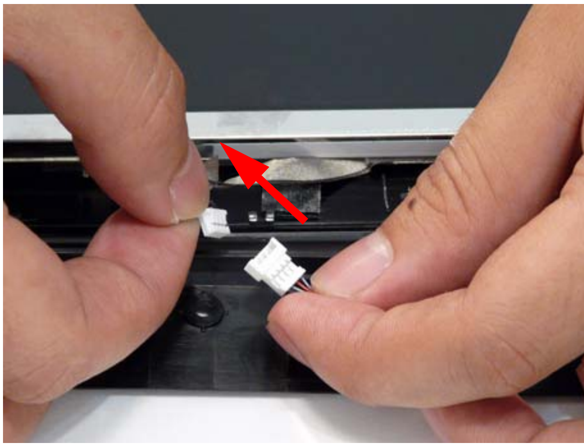
**13.** Replace the Inverter board as shown and press down to secure in place.



**NOTE:** Tuck the cables securely to prevent damage to the cables or module.

# Replacing the LCD Bezel

1. Align the edge of the bezel with the bottom cover and reconnect the Mic Cable.




2. Align the hinge covers taking care to tuck in all cabling, and lower the bezel down in place.




3. Continue to press the bezel down in place to lock the upper and lower covers in place.



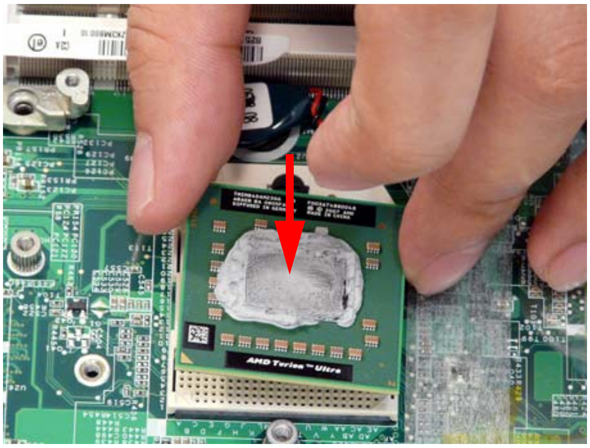

4. Replace the ten securing screws and screw caps on the LCD bezel.



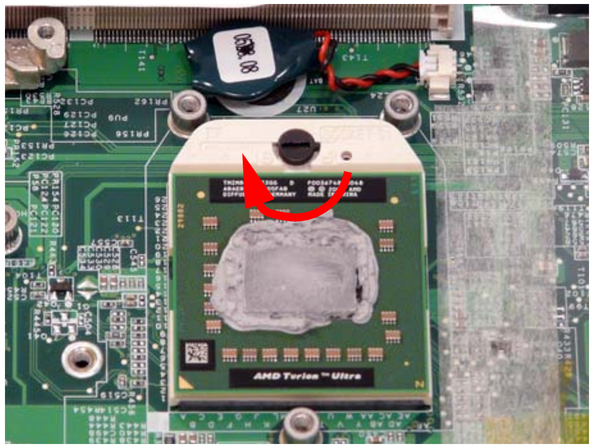
# Main Module Reassembly Procedure

## Replacing the CPU

1. Carefully turn the mainboard upside down (CPU side up), and insert the CPU into the CPU bracket as shown.



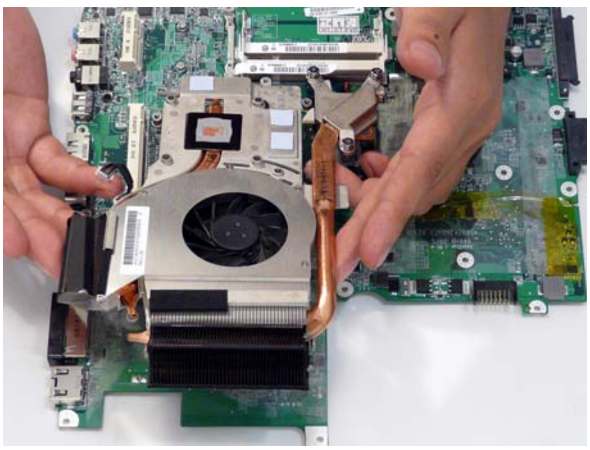
2. Using a flat-tipped screw driver, lock the CPU in the socket as shown.



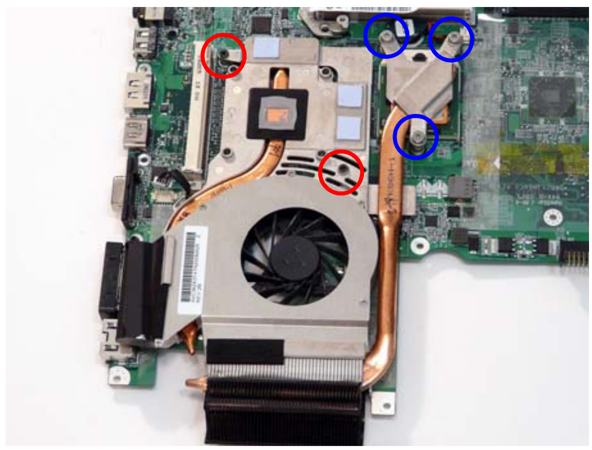
## Replacing the Thermal Module

**WARNING:** To prevent damage to the Thermal Module or the CPU, hold the Thermal Module by both ends at the same time.

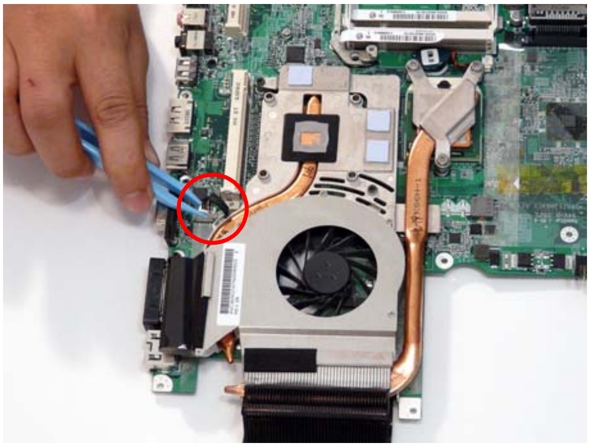
1. Align and place the Thermal Module in the on the mainboard as shown.



2. Replace the two securing screws (red) and tighten the three captive screws (blue) found on the Thermal Module.



**3.** Connect fan cable to the mainboard as shown.

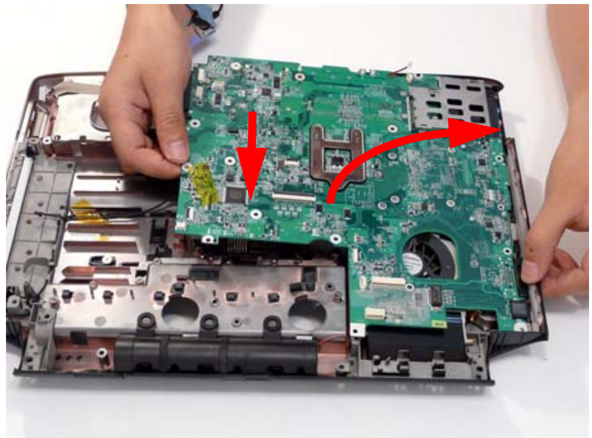


# Replacing the Mainboard

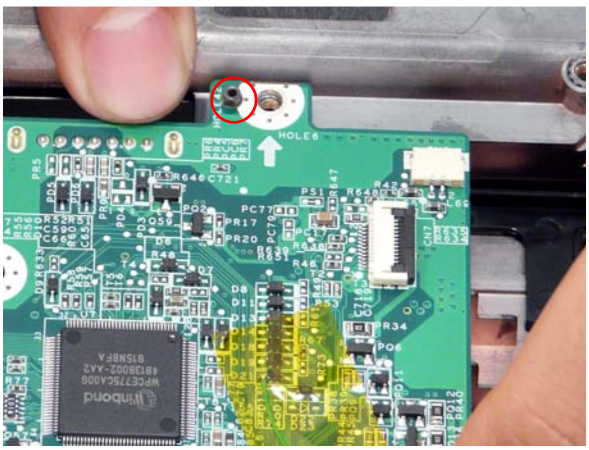
1. Ensure that the Mainboard is face up. Place the Mainboard in the chassis, left hand rear edge first.

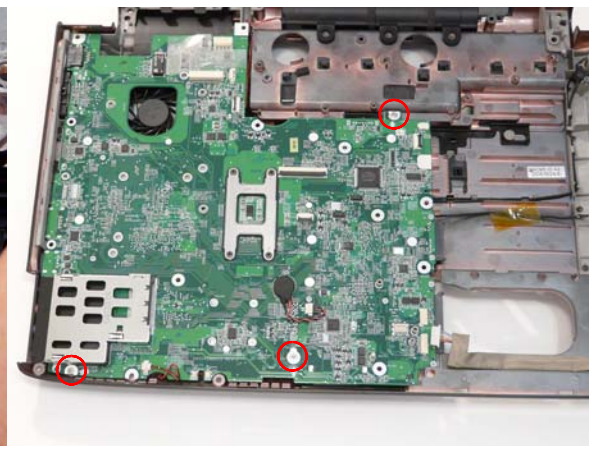


2. While holding the left side of the Lower Base, lower and pivot the mainboard in to the base.



3. Ensure the screw sockets and locating pin are aligned. Replace the three securing screws as shown.

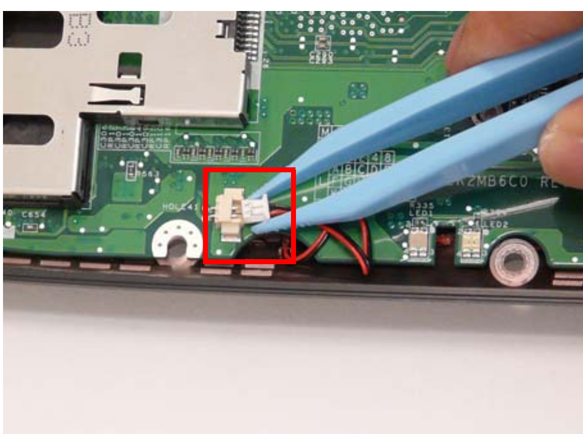


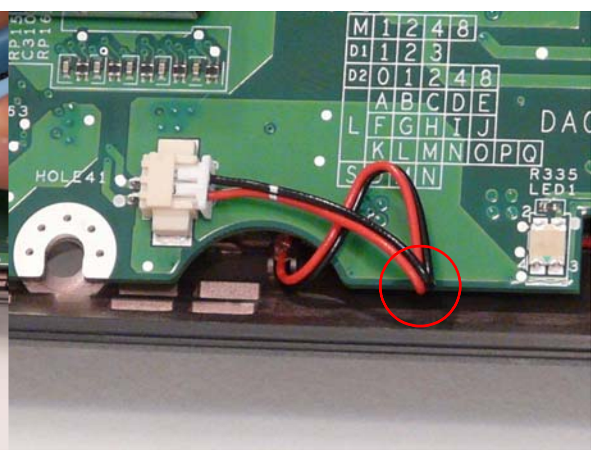


**NOTE:** Make sure the I/O ports are positioned correctly through the lower cover, and the screw sockets are visible through the mainboard.

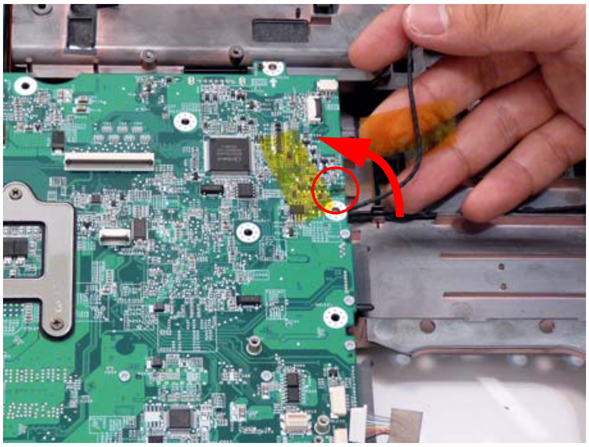
4. Reconnect the subwoofer cable to the mainboard.

**IMPORTANT:**Ensure that the cable passes through the mainboard, as shown, and is inserted into the retaining clip to avoid trapping when the upper case is replaced.

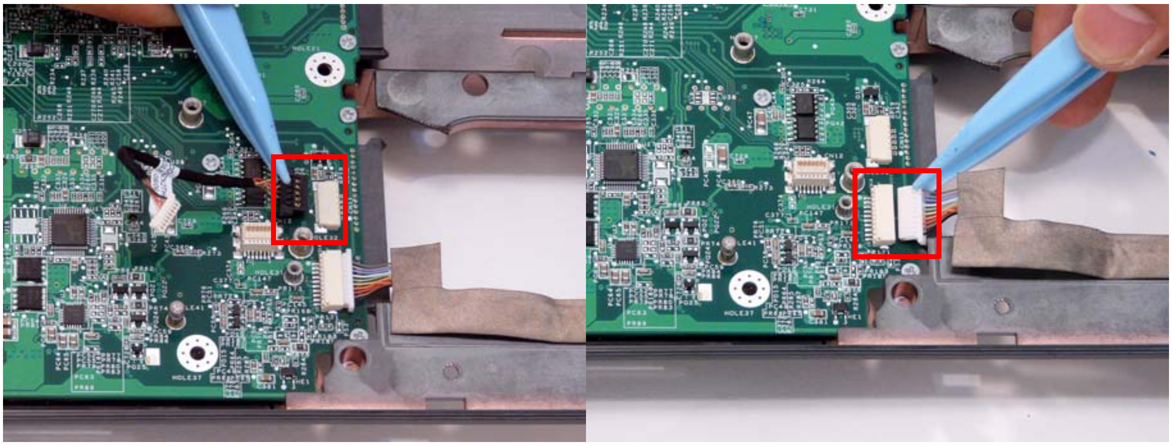




**5.** Replace the RJ-11 cable in the retaining clip on the mainboard and stick it in place using the adhesive strip.

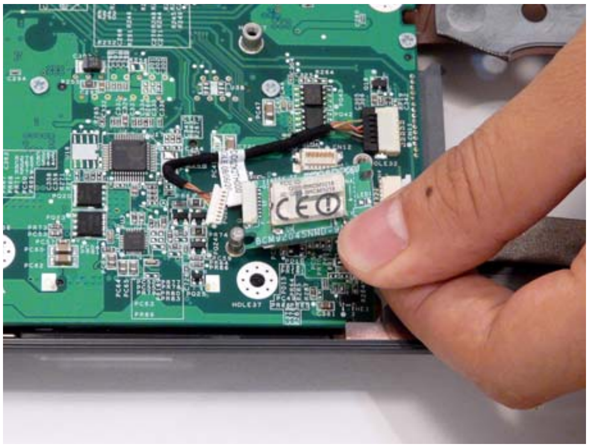


**6.** Reconnect the Bluetooth and USB cables to the mainboard.

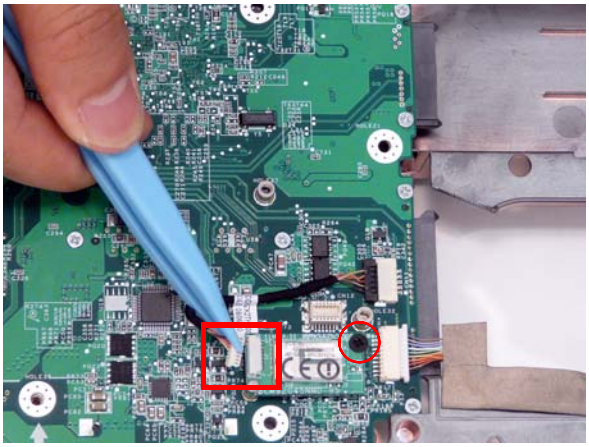


## Replacing the Bluetooth Board

1. Position the module over the aligning pins and insert in place.

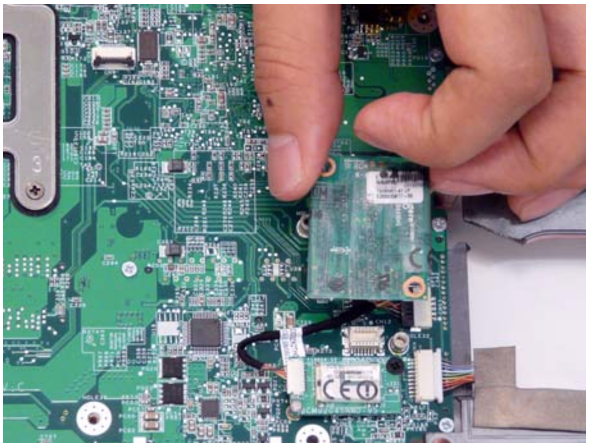


2. Replace the bluetooth cable as shown and replace the single securing screw.

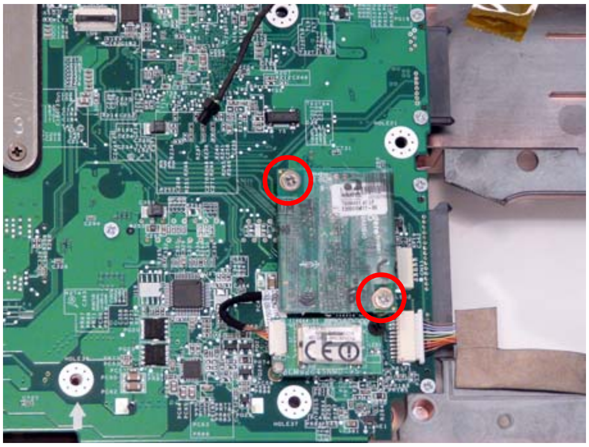


## Replacing the Modem Module

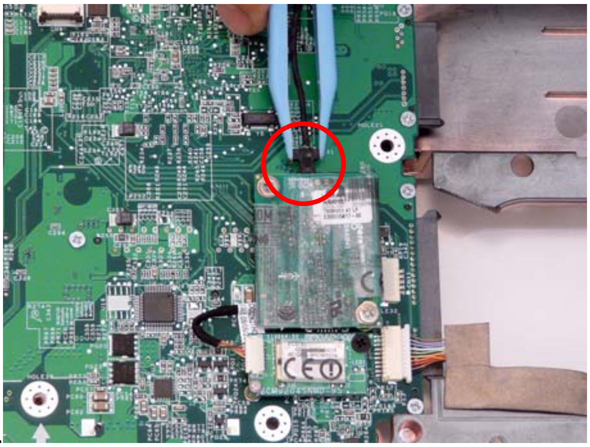
1. Align the screw sockets and press the modem module down to connect to the mainboard.



2. Replace the two securing screws.

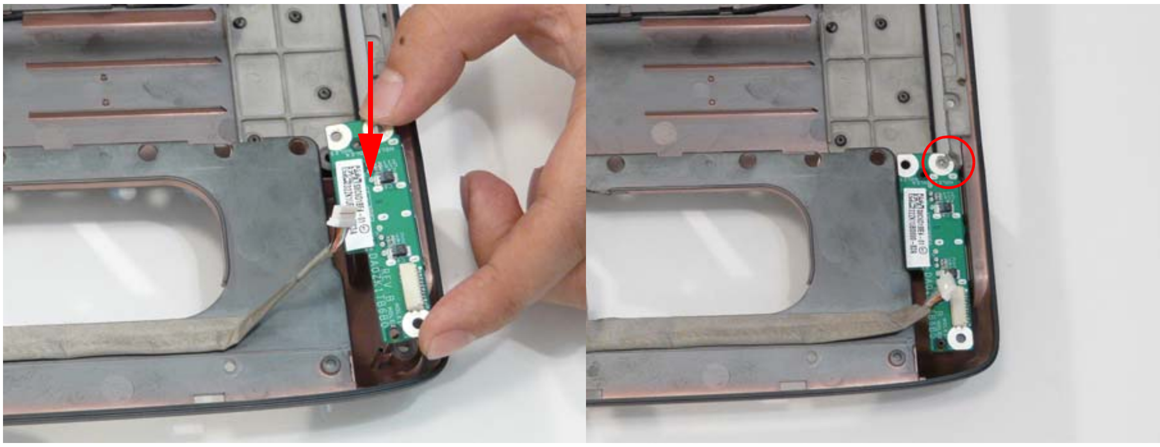


3. Connect the modem cable as shown

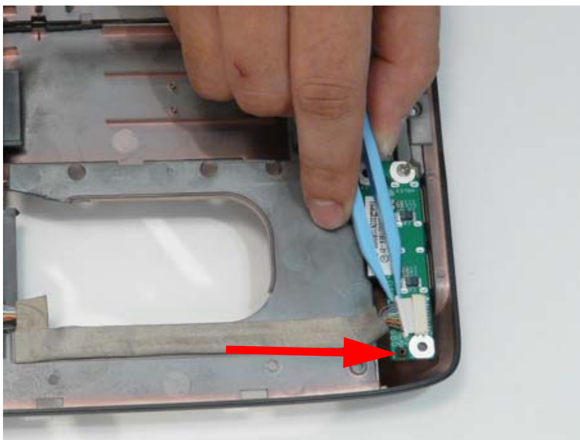


## Replacing the USB Board

1. Replace the USB board on the lower base and secure with the single screw (provided).

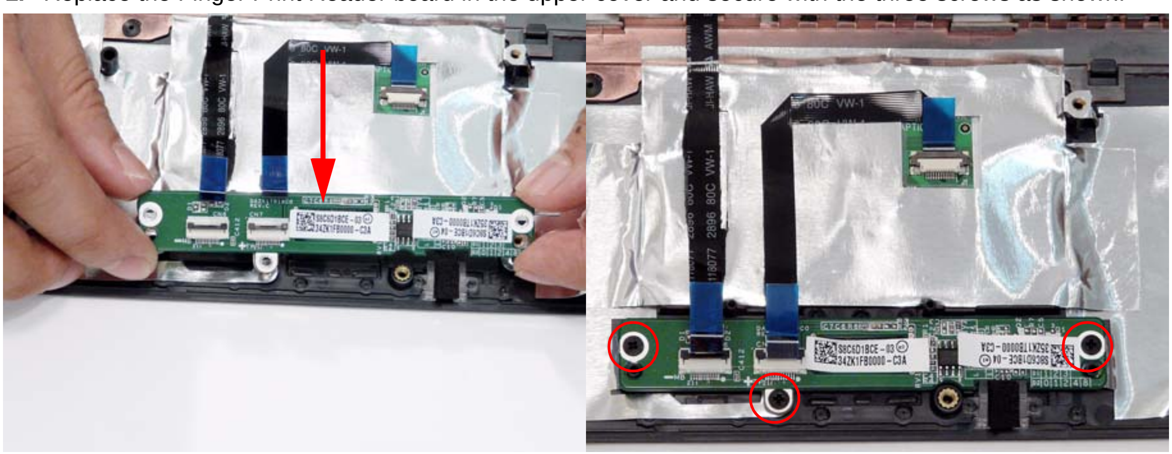


2. Reconnect the USB cable as shown.

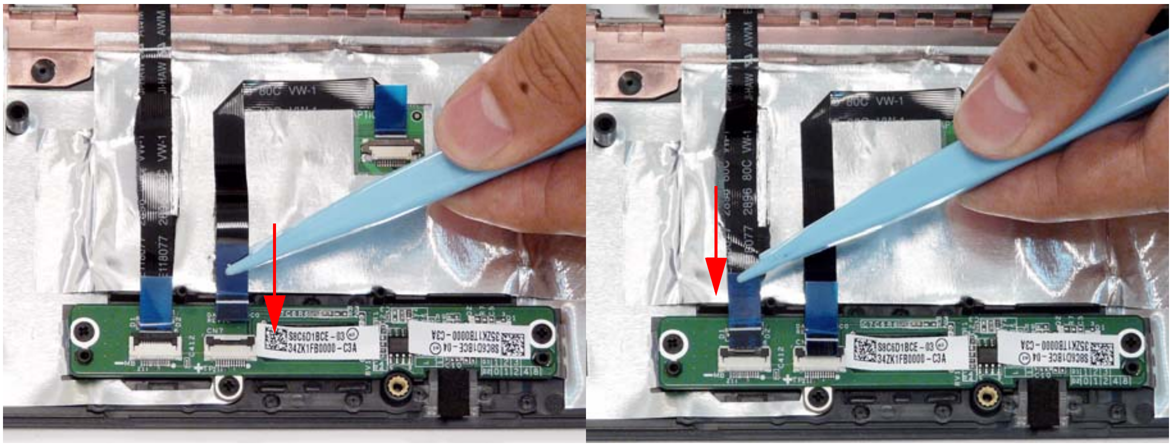


## Replacing the Finger Print Reader

1. Replace the Finger Print Reader board in the upper cover and secure with the three screws as shown.



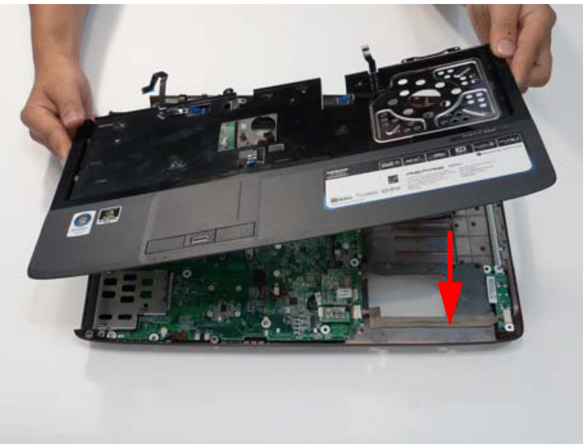
**2.** Reconnect the TouchPad and Finger Print Reader FFCs as shown.



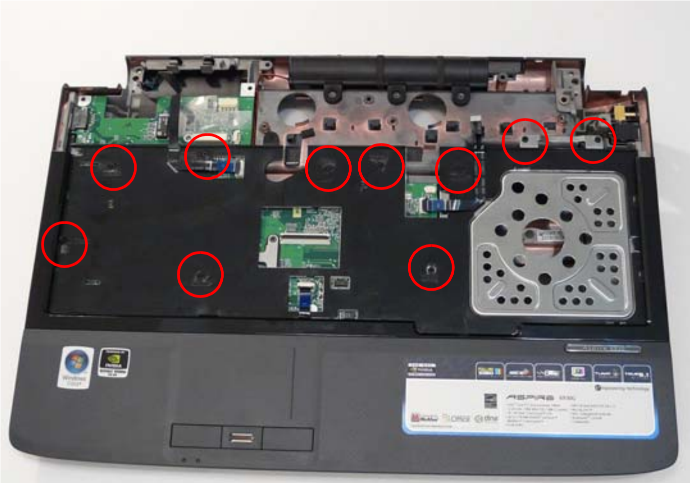
# Replacing the Upper Cover

**WARNING:**Care must be taken when replacing the Upper Case to prevent damage or stress to the surface.

1. Starting with the rear, align the upper cover with the lower cover, taking care to not force in place.



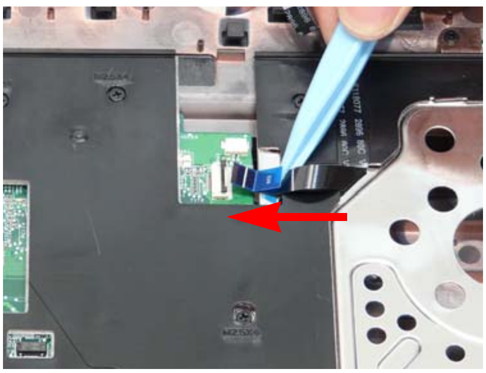
2. Replace the ten securing screws on the top panel.



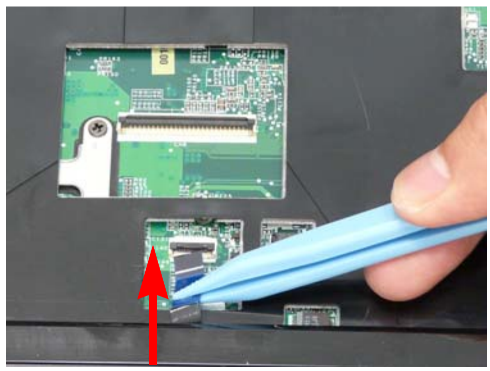
3. Reconnect the three FFC cables to the mainboard.



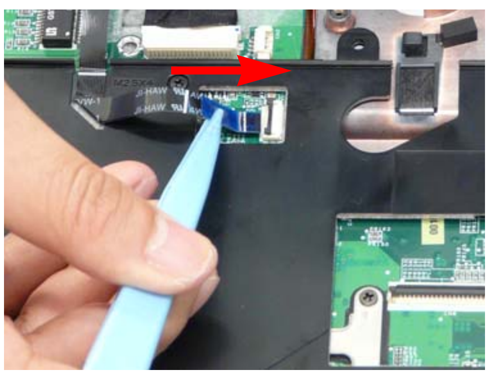

Reconnect A as shown, and close the locking latch.



Reconnect B as shown, and close the locking latch.



Reconnect C as shown, and close the locking latch.

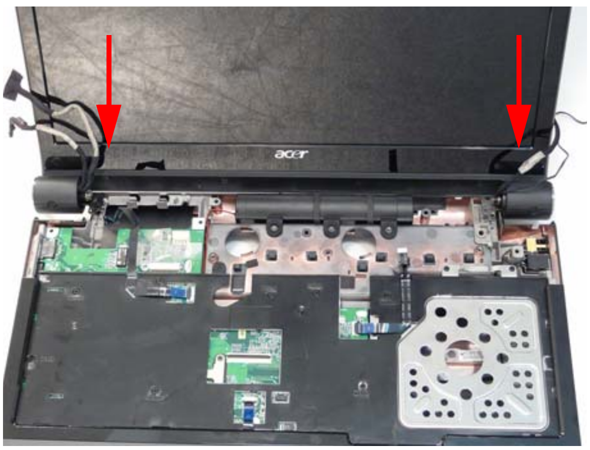


4. Turn the computer over. Replace the ten screws on the bottom panel.

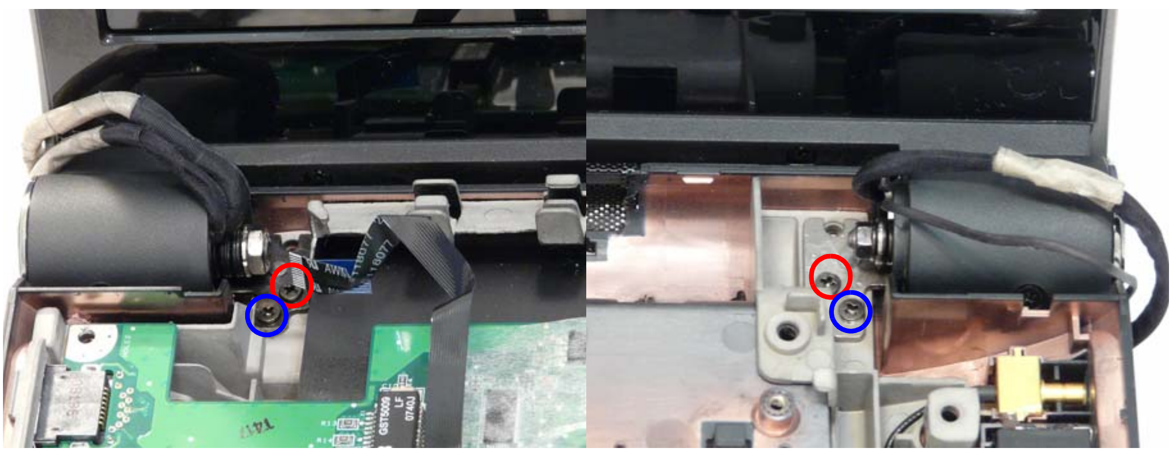


## Replacing the LCD Module

1. Carefully align the LCD module over the hinge sockets and lower the module into the chassis, taking care not to trap the LCD cables.

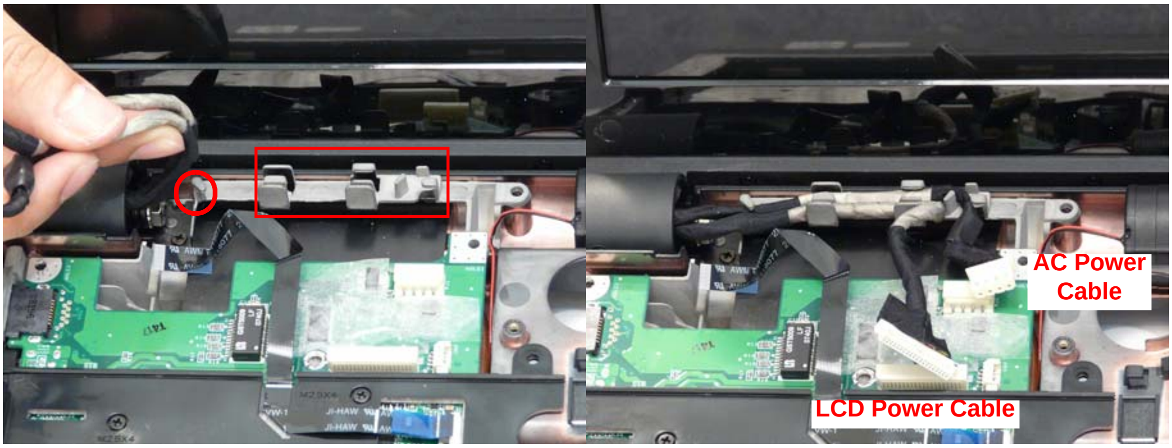


2. Replace the four securing screws (two on each side) securing the LCD module.

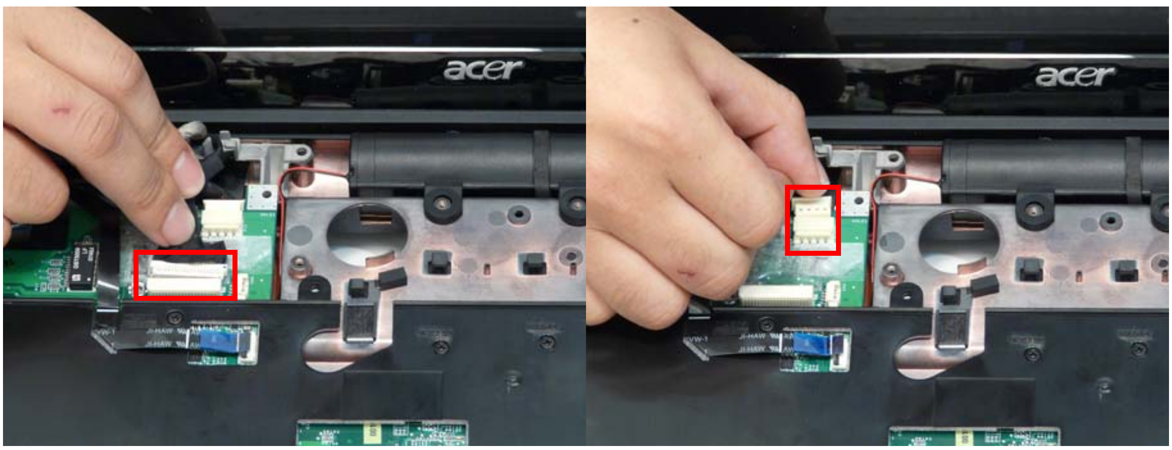


3. Replace the LCD power cable and AC power cable in the cable guides and clips as shown.

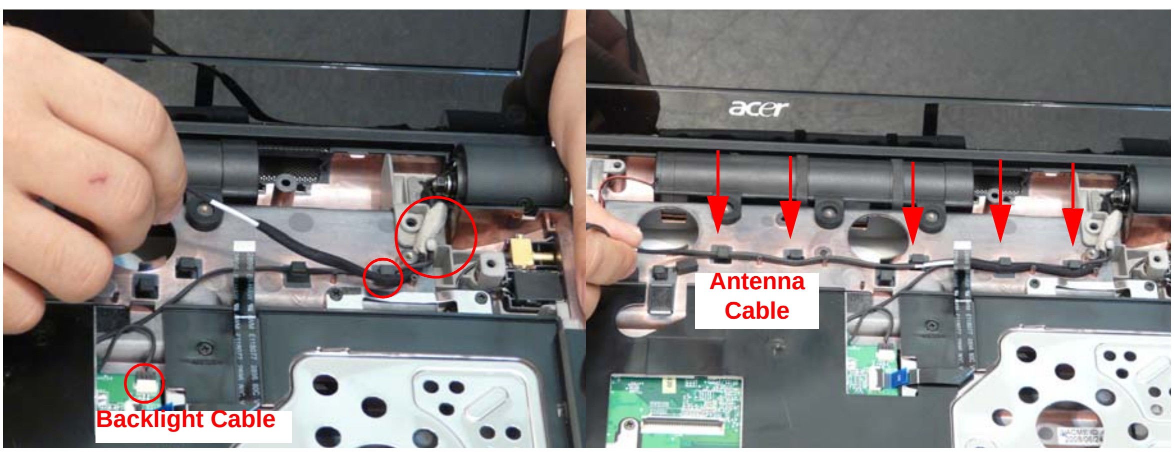
**NOTE:** There are two cable channels. The upper channel holds the AC power cable and the lower channel holds the LCD power cable.



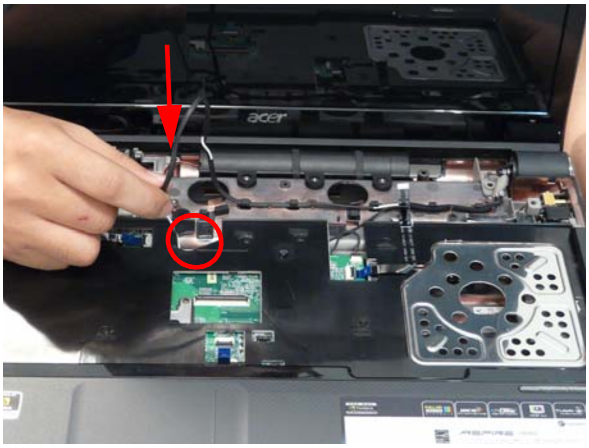

4. Reconnect the cables as shown.



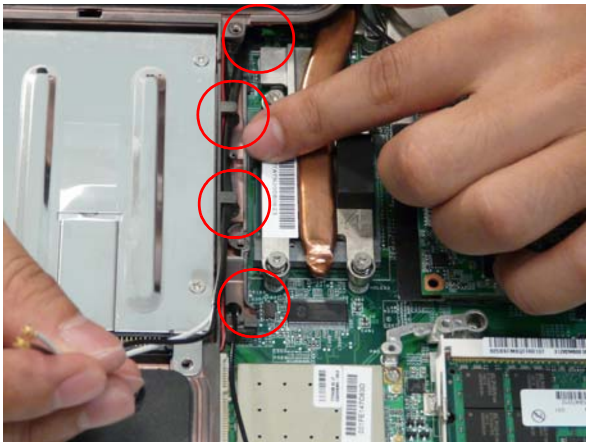
5. Replace the antenna and backlight cables as shown, taking care to follow the cable guides and clips.



6. Push the antenna cables through the chassis and pull through from the other side.

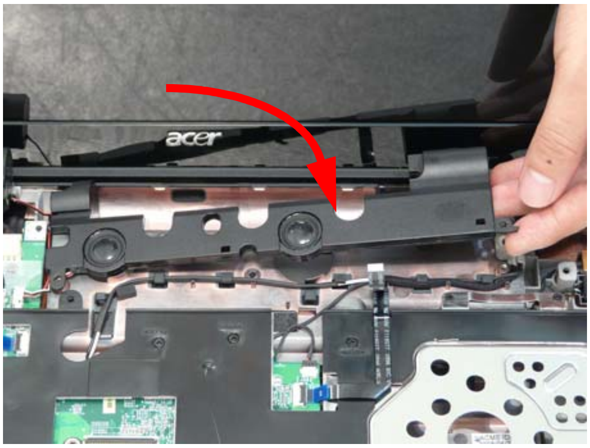


7. Turn the computer over and replace the antenna cables as shown, taking care to follow the cable guides and clips.

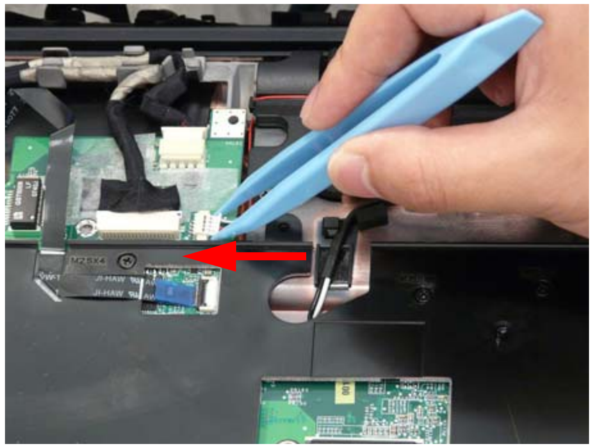


# Replacing the Speaker Module

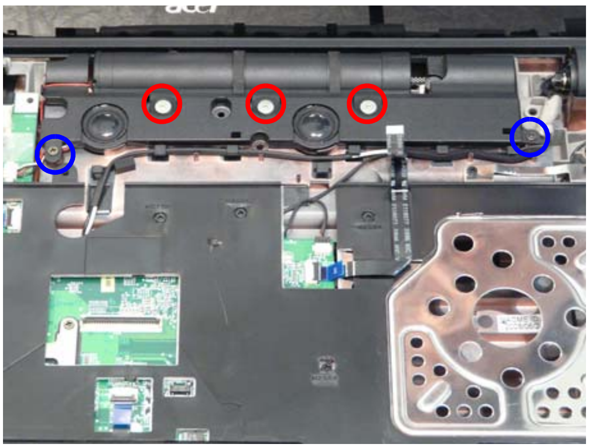
1. Align and replace the Speaker Module in the lower case.




2. Reconnect the speaker cable as shown.

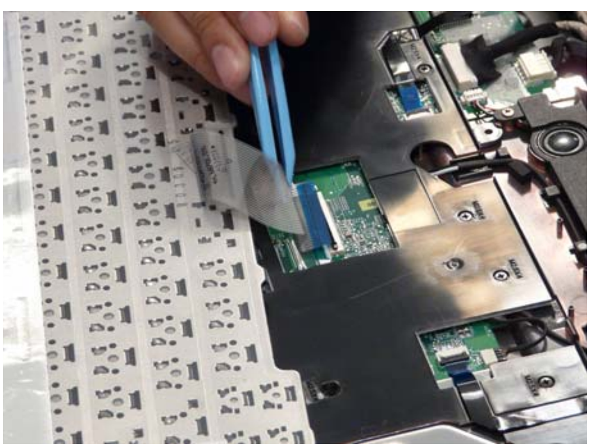


3. Place subwoofer module in to the lower case and replace the five securing screws.



# Replacing the Keyboard

1. Align the FFC with the connector and press the latch down to secure.

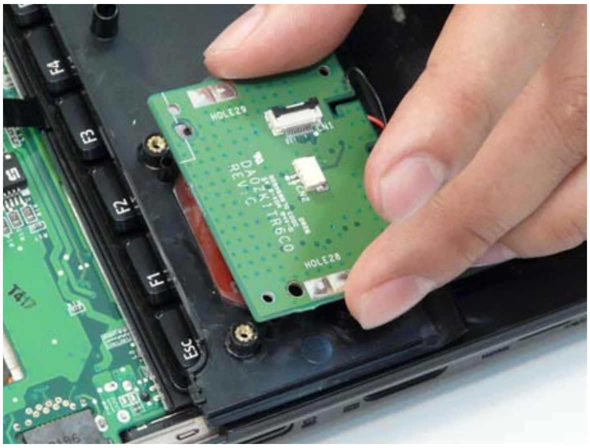


2. Turn the keyboard over and press down to secure.

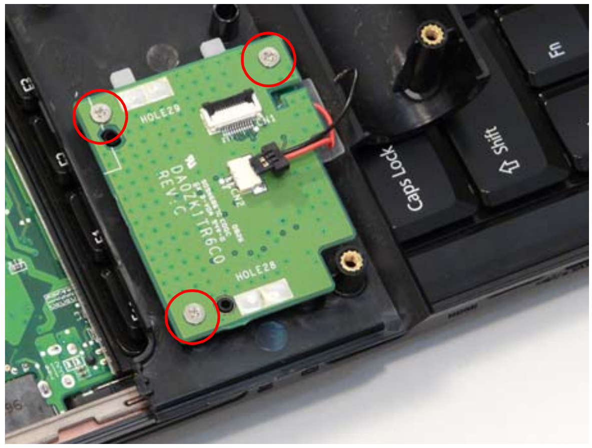


# Replacing the Power Board

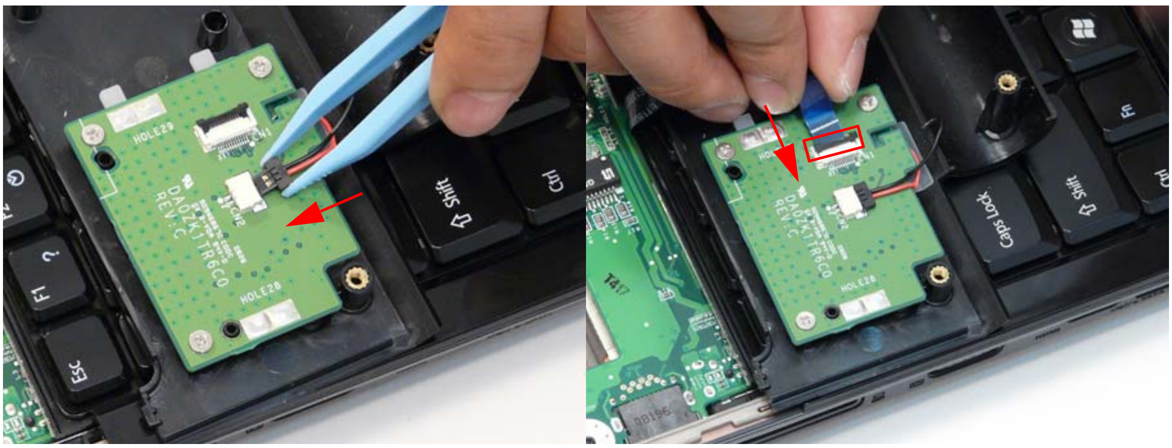
1. Place the power board in the switch cover as shown.




2. Replace the three securing screws.



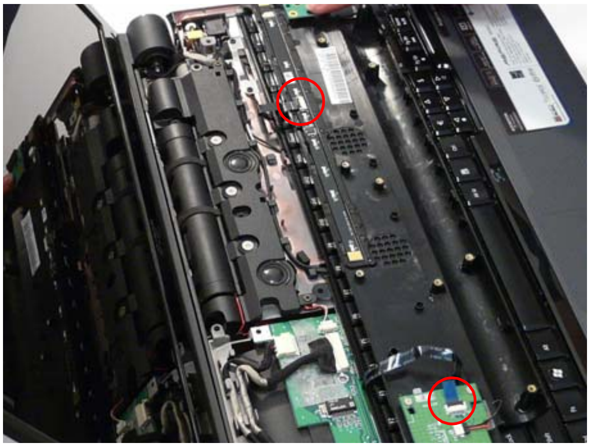

3. Reconnect the cable and FFC as shown.



# Replacing the Switch Cover

<table>
<tr>
<td>

**1.** Locate the following FFC cables.



</td>
<td>

**2.** Reconnect the Power Board FFC.




</td>
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<tr>
<td>

**3.** Reconnect the Launch Board FFC.



</td>
<td>

**4.** Turn the switch board over.



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**5.** Press down on the edges of the Switch Cover first.



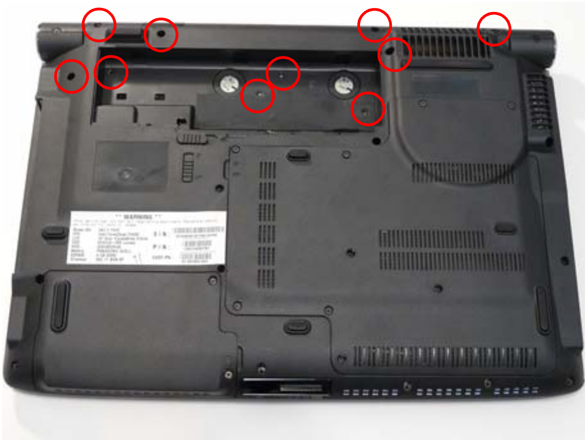
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**6.** Snap the Switch Cover in to place by pressing down in the centre of the cover.



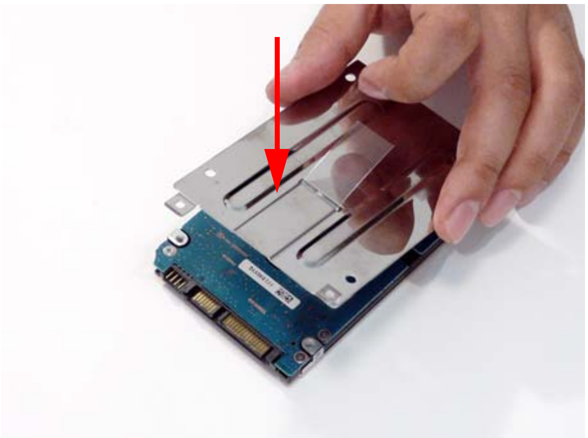
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7. Turn the computer over and replace the ten screws as shown.

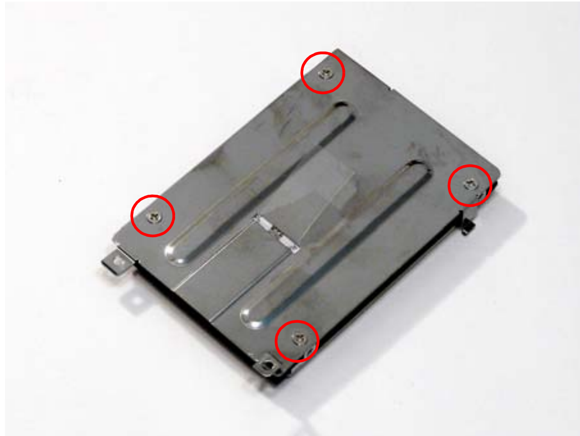


# Replacing the Second Hard Disk Drive Module

1. Place the HDD in the HDD carrier.



2. Replace the four screws to secure the carrier.



3. Replace the HDD and slide to the right to connect the HDD interface.



4. Replace the two securing screws as shown.



# Replacing the ODD Module

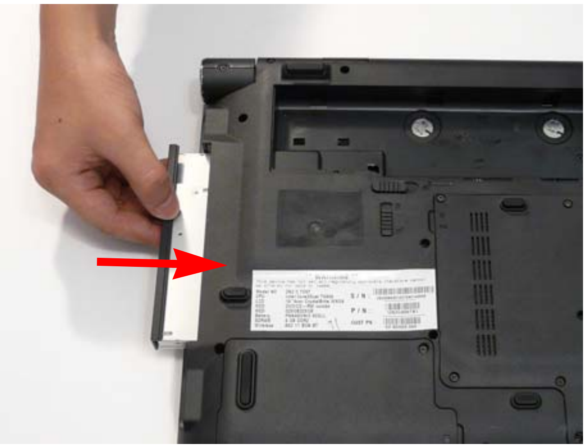
1. With the ODD tray in the eject position, replace the ODD cover on the ODD Module.



2. Turn the ODD over and replace the ODD bracket.



3. Slide the module in to the chassis and press until module is flush with the chassis.



4. Replace the single securing screw as shown.



## Replacing the Main Hard Disk Drive Module

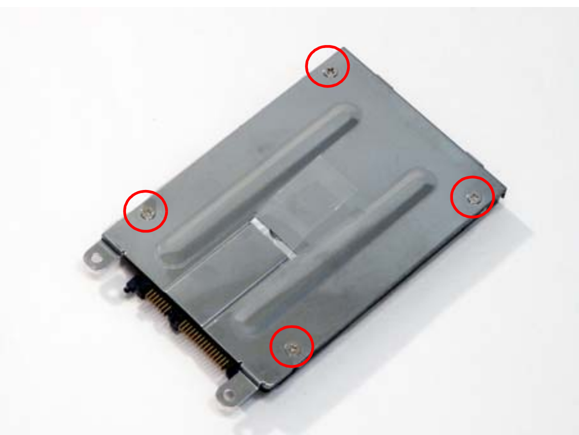
1. Replace the HDD connector.



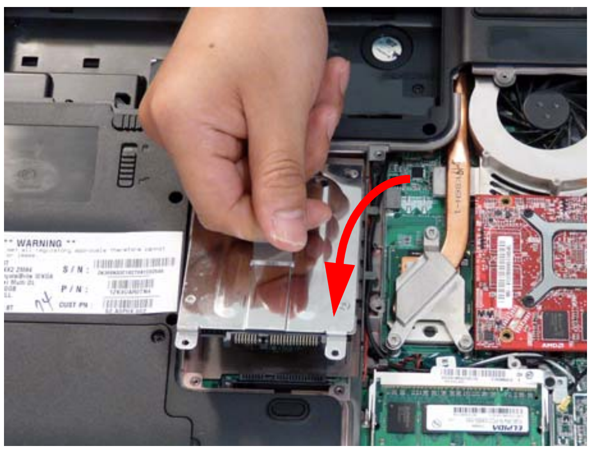
2. Place the HDD in the HDD carrier.



3. Replace the four screws to secure the carrier.

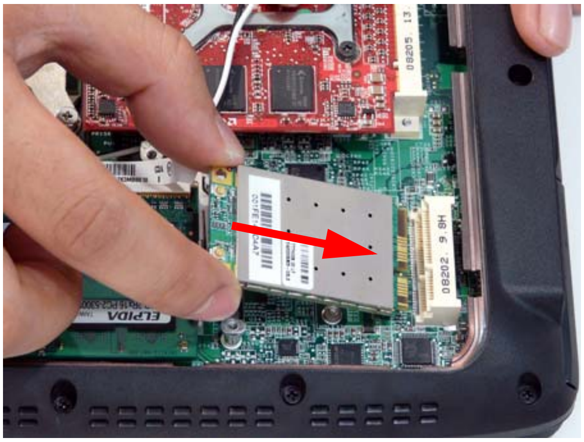


4. Insert the back first and angle the HDD in place. Push down to connect the HDD interface.

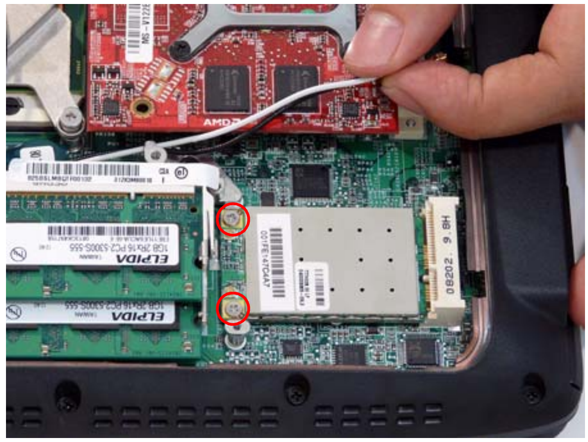


# Replacing the WLAN Module

1. Insert the WLAN board into the WLAN socket.

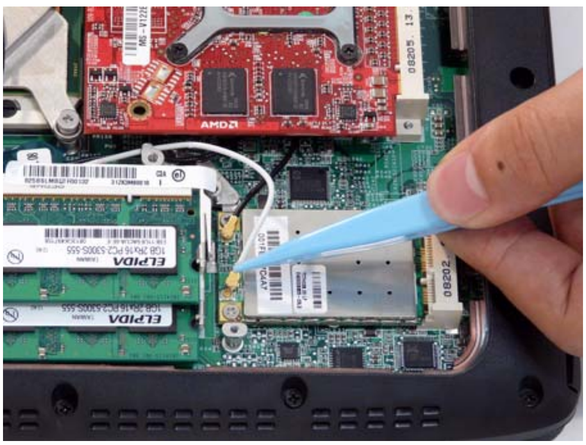


2. Replace the two screws to secure the module.

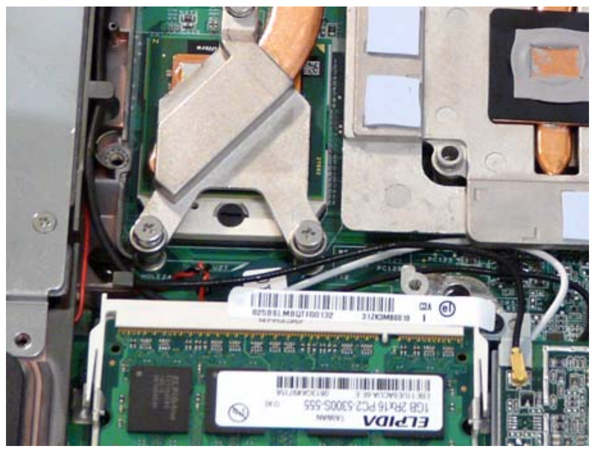


3. Connect the two antenna cables to the module.

   **NOTE:** The White cable goes to the lower terminal and the black cable to the upper terminal.

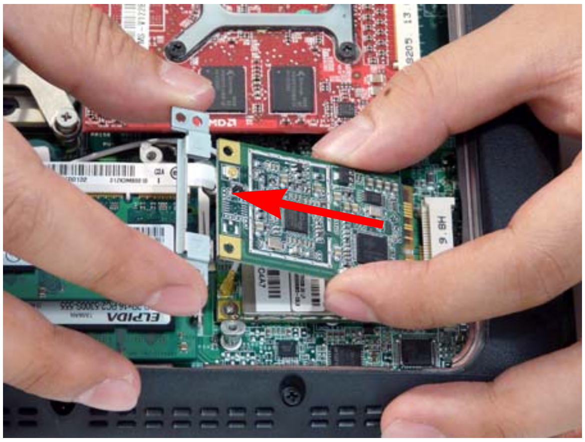


4. Ensure that the cabling is replaced as shown to avoid trapping when the covers are replaced.



# Replacing the TV Tuner Module

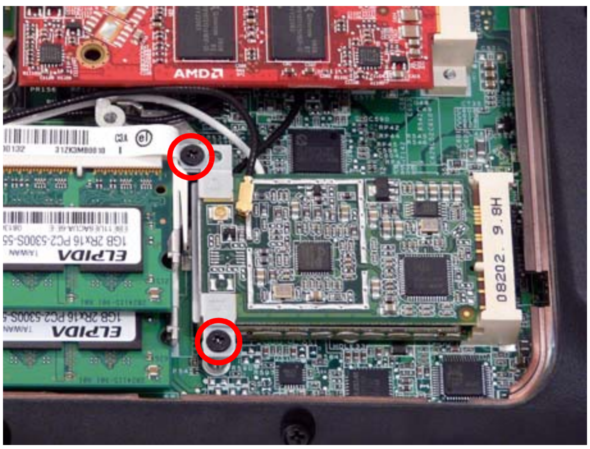
1. Insert the TV Tuner into the bracket as shown.



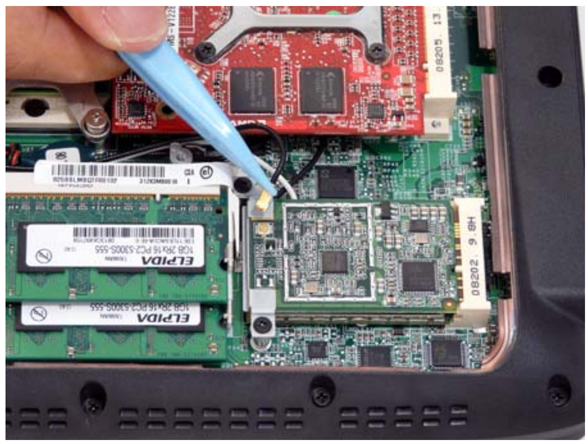
2. Insert the TV Tuner in to the socket.



3. Replace the two securing screws.

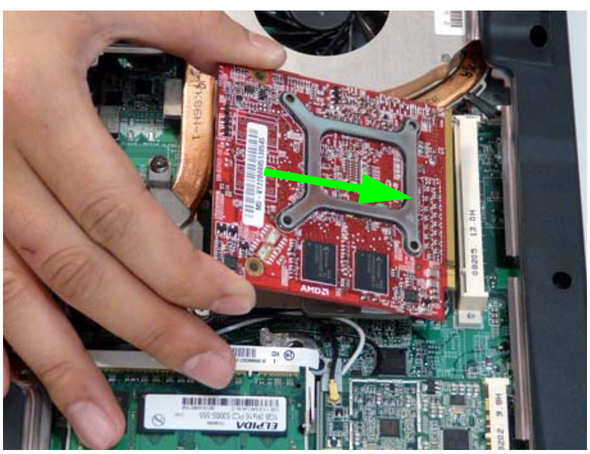


4. Attach the cable as shown, ensuring that the TV Tuner antenna follows the installation pattern of the LCD antenna cables.

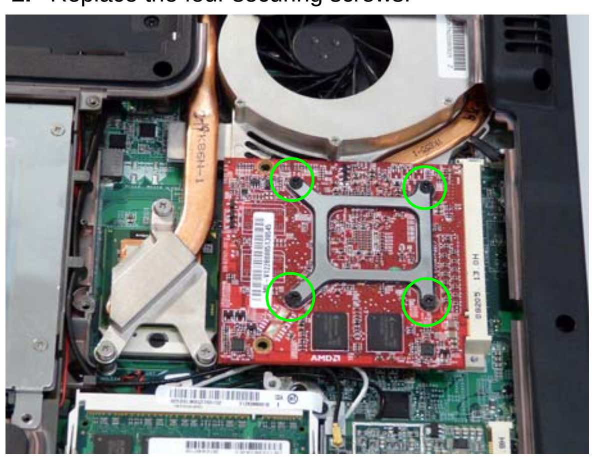


# Replacing the VGA Module

1. Insert the VGA module into the socket as shown.



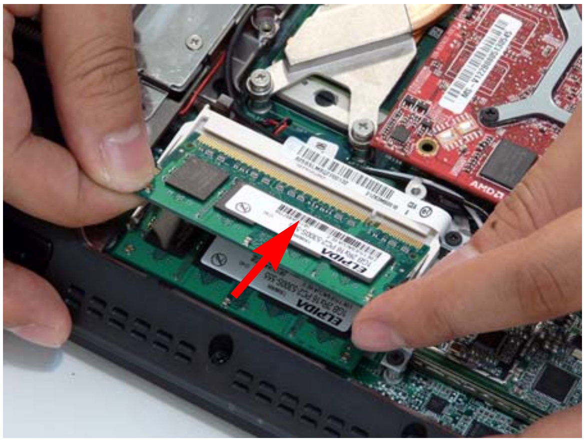
2. Replace the four securing screws.



## Replacing the DIMM Modules

**NOTE:** To replace DIMM Module 2, first remove DIMM Module 1. In this procedure, only DIMM Module 1 is shown.

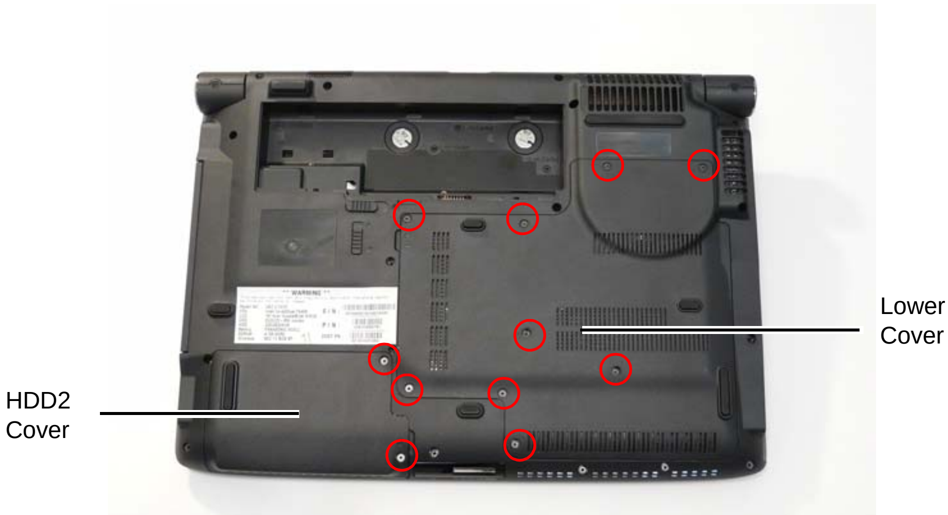
1. Insert the DIMM Module flush with the connector and press down to lock in place.





## Replacing the Lower Covers

1. Replace the HDD2 and Lower Covers and secure the captive screws.

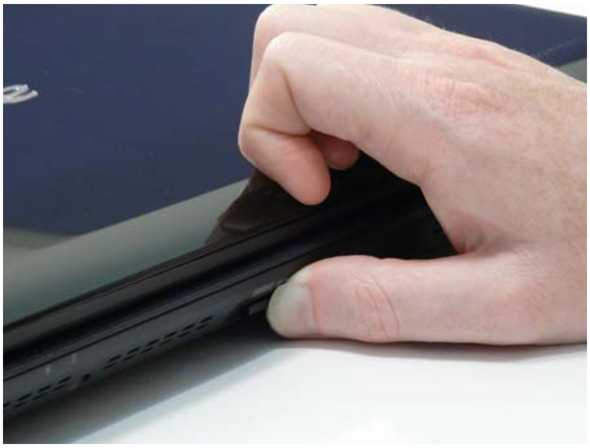


# Replacing the ExpressCard and SD Card Dummy Trays

1. Insert the ExpressCard and push into the slot until flush with the chassis cover.



2. Insert the SD Card and push into the slot until flush with the chassis cover.



# Troubleshooting

## Common Problems

Use the following procedure as a guide for computer problems.

**NOTE:** The diagnostic tests are intended to test only Acer products. Non-Acer products, prototype cards, or modified options can give false errors and invalid system responses.

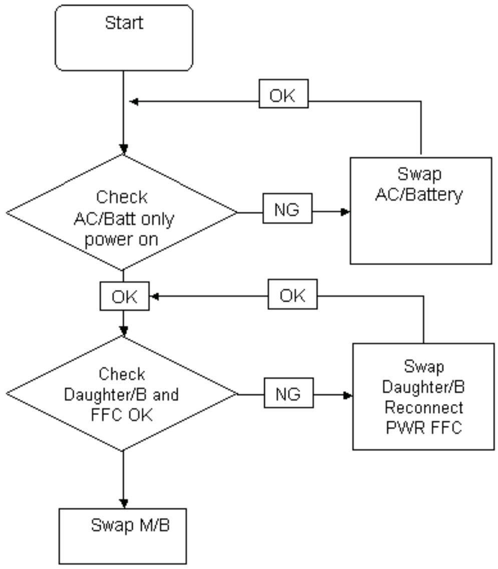
1. Obtain the failing symptoms in as much detail as possible.
2. Verify the symptoms by attempting to re-create the failure by running the diagnostic test or by repeating the same operation.
3. Use the following table with the verified symptom to determine which page to go to.

| Symptoms (Verified) | Go To |
|---|---|
| Power On Issue | Page 118 |
| No Display Issue | Page 119 |
| LCD Failure | Page 121 |
| Internal Keyboard Failure | Page 121 |
| Touchpad Failure | Page 122 |
| Internal Speaker Failure | Page 122 |
| Internal Microphone Failure | Page 124 |
| Rightside USB Failure | Page 128 |
| Modem Failure | Page 128 |
| Other Functions Failure | Page 129 |
| Intermittent Failures | Page 130 |
| Undetermined Failures | Page 130 |

4. If the Issue is still not resolved, see “Online Support Information” on page 211.

# Power On Issue

If the system doesn’t power on, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:



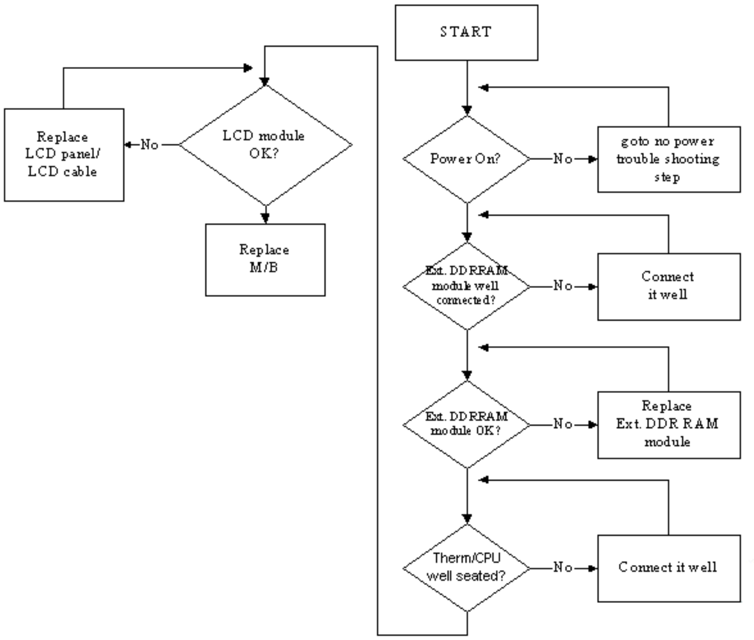

# Computer Shutsdown Intermittently

If the system powers off at intervals, perform the following actions one at a time to correct the problem.

1. Check the power cable is properly connected to the computer and the electrical outlet.
2. Remove any extension cables between the computer and the outlet.
3. Remove any surge protectors between the computer and the electrical outlet. Plug the computer directly into a known good electrical outlet.
4. Disconnect the power and open the casing to check the Thermal Unit and fan airways are free of obstructions.
5. Remove all external and non-essential hardware connected to the computer that are not necessary to boot the computer to the failure point.
6. Remove any recently installed software.
7. If the Issue is still not resolved, see “Online Support Information” on page 211.

# No Display Issue

If the **Display** doesn't work, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:




## No POST or Video

If the POST or video doesn't display, perform the following actions one at a time to correct the problem.

1. Make sure that the internal display is selected. On this notebook model, switching between the internal display and the external display is done by pressing **Fn+F5**. Reference Product pages for specific model procedures.
2. Make sure the computer has power by checking at least one of the following occurs:
   - Fans start up
   - Status LEDs light up

   If there is no power, see "Power On Issue" on page 118.
3. Drain any stored power by removing the power cable and battery and holding down the power button for 10 seconds. Reconnect the power and reboot the computer.
4. Connect an external monitor to the computer and switch between the internal display and the external display is by pressing **Fn+F5** (on this model).

   If the POST or video appears on the external display, see "LCD Failure" on page 121.
5. Disconnect power and all external devices including port replicators or docking stations. Remove any memory cards and CD/DVD discs. Restart the computer.

   If the computer boots correctly, add the devices one by one until the failure point is discovered.
6. Reseat the memory modules.
7. Remove the drives (see "Disassembly Process" on page 42).
8. If the Issue is still not resolved, see "Online Support Information" on page 211.

# Abnormal Video Display

If video displays abnormally, perform the following actions one at a time to correct the problem.

1. Reboot the computer.
2. If permanent vertical/horizontal lines or dark spots display in the same location, the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
3. If extensive pixel damage is present (different colored spots in the same locations on the screen), the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
4. Adjust the brightness to its highest level. See the User Manual for instructions on adjusting settings.

   **NOTE:** Ensure that the computer is not running on battery alone as this may reduce display brightness.

   If the display is too dim at the highest brightness setting, the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
5. Check the display resolution is correctly configured:
   a. Minimize or close all Windows.
   b. If display size is only abnormal in an application, check the view settings and control/mouse wheel zoom feature in the application.
   c. If desktop display resolution is not normal, right-click on the desktop and select **Personalize→ Display Settings**.
   d. Click and drag the Resolution slider to the desired resolution.
   e. Click **Apply** and check the display. Readjust if necessary.
6. Roll back the video driver to the previous version if updated.
7. Remove and reinstall the video driver.
8. Check the Device Manager to determine that:
   - The device is properly installed. There are no red Xs or yellow exclamation marks.
   - There are no device conflicts.
   - No hardware is listed under Other Devices.
9. If the Issue is still not resolved, see “Online Support Information” on page 211.
10. Run the Windows Memory Diagnostic from the operating system DVD and follow the onscreen prompts.
11. If the Issue is still not resolved, see “Online Support Information” on page 211.

# Random Loss of BIOS Settings

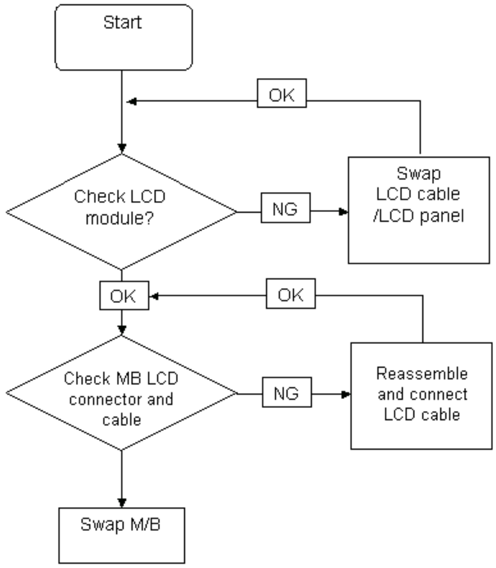
If the computer is experiencing intermittent loss of BIOS information, perform the following actions one at a time to correct the problem.

1. If the computer is more than one year old, replace the CMOS battery.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. If the computer is experiencing HDD or ODD BIOS information loss, disconnect and reconnect the power and data cables between devices.

   If the BIOS settings are still lost, replace the cables.
4. If HDD information is missing from the BIOS, the drive may be defective and should be replaced.
5. Replace the Motherboard.
6. If the Issue is still not resolved, see “Online Support Information” on page 211.

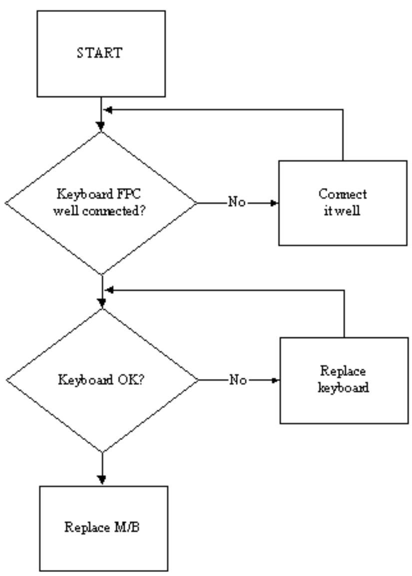
# LCD Failure

If the **LCD** fails, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:



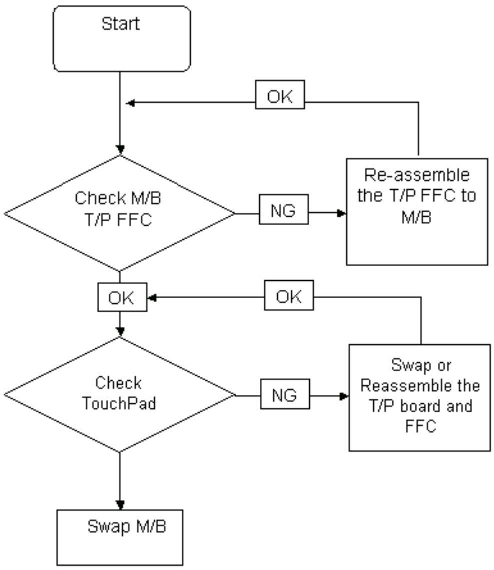

# Built-In Keyboard Failure

If the built-in **Keyboard** fails, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:



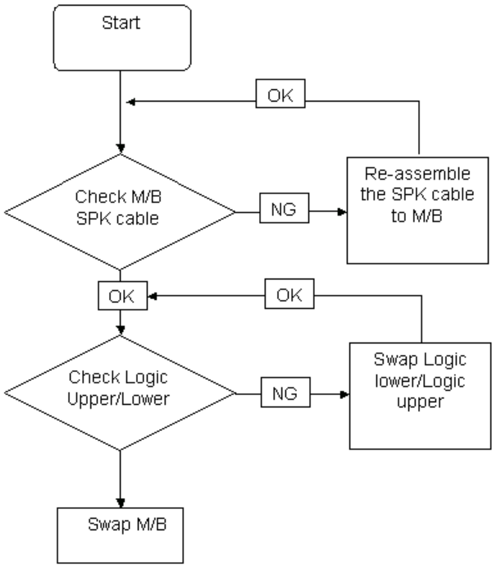
# Touchpad Failure

If the **Touchpad** doesn't work, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:




# Internal Speaker Failure

If the internal **Speakers** fail, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:



## Sound Problems

If sound problems are experienced, perform the following actions one at a time to correct the problem.

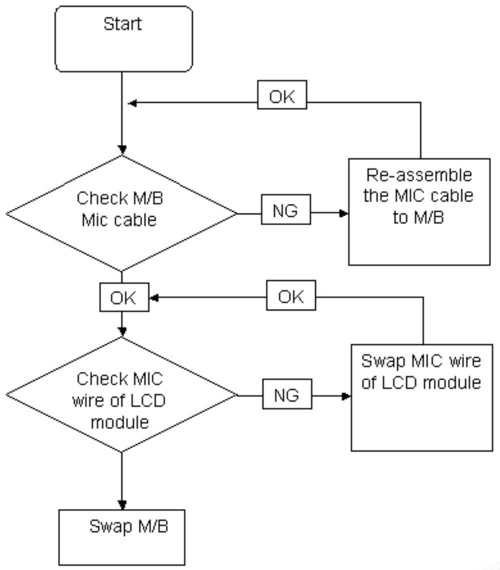
1. Reboot the computer.
2. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**. Check the Device Manager to determine that:
    - The device is properly installed.
    - There are no red Xs or yellow exclamation marks.
    - There are no device conflicts.
    - No hardware is listed under Other Devices.
3. Roll back the audio driver to the previous version, if updated recently.
4. Remove and reinstall the audio driver.
5. Ensure that all volume controls are set mid range:
    a. Click the volume icon on the taskbar and drag the slider to 50. Ensure that the volume is not muted.
    b. Click Mixer to verify that other audio applications are set to 50 and not muted.
6. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **Sound**. Ensure that Speakers are selected as the default audio device (green check mark).

    **NOTE:** If Speakers does not show, right-click on the **Playback** tab and select **Show Disabled Devices** (clear by default).
7. Select Speakers and click **Configure** to start **Speaker Setup**. Follow the onscreen prompts to configure the speakers.
8. Remove and recently installed hardware or software.
9. Restore system and file settings from a known good date using **System Restore**.

    If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
10. Reinstall the Operating System.
11. If the Issue is still not resolved, see “Online Support Information” on page 211.

# Internal Microphone Failure

If the internal **Microphone** fails, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:




# Microphone Problems

If internal or external **Microphones** do no operate correctly, perform the following actions one at a time to correct the problem.

1. Check that the microphone is enabled. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **Sound** and select the **Recording** tab.
2. Right-click on the **Recording** tab and select **Show Disabled Devices** (clear by default).
3. The microphone appears on the **Recording** tab.
4. Right-click on the microphone and select **Enable**.
5. Select the microphone then click **Properties**. Select the **Levels** tab.
6. Increase the volume to the maximum setting and click **OK**.
7. Test the microphone hardware:
   a. Select the microphone and click **Configure**.
   b. Select **Set up microphone**.
   c. Select the microphone type from the list and click **Next**.
   d. Follow the onscreen prompts to complete the test.
8. If the Issue is still not resolved, see “Online Support Information” on page 211.

# HDD Not Operating Correctly

If the **HDD** does not operate correctly, perform the following actions one at a time to correct the problem.

1. Disconnect all external devices.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. Run the Windows Vista Startup Repair Utility:
    a. insert the Windows Vista Operating System DVD in the ODD and restart the computer.
    b. When prompted, press any key to start to the operating system DVD.
    c. The **Install Windows** screen displays. Click **Next**.
    d. Select **Repair your computer**.
    e. The **System Recovery Options** screen displays. Click **Next**.
    f. Select the appropriate operating system, and click **Next**.

    **NOTE:** Click **Load Drivers** if controller drives are required.

    g. Select **Startup Repair**.
    h. Startup Repair attempts to locate and resolve issues with the computer.
    i. When complete, click **Finish**.

    If an issue is discovered, follow the onscreen information to resolve the problem.
4. Run the Windows Memory Diagnostic Tool. For more information see Windows Help and Support.
5. Restart the computer and press F2 to enter the BIOS Utility. Check the BIOS settings are correct and that CD/DVD drive is set as the first boot device on the Boot menu.
6. Ensure all cables and jumpers on the HDD and ODD are set correctly.
7. Remove any recently added hardware and associated software.
8. Run the Windows Disk Defragmenter. For more information see Windows Help and Support.
9. Run Windows Check Disk by entering **chkdsk /r** from a command prompt. For more information see Windows Help and Support.
10. Restore system and file settings from a known good date using **System Restore**.

    If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
11. Replace the HDD. See “Disassembly Process” on page 42.

# ODD Not Operating Correctly

If the **ODD** exhibits any of the following symptoms it may be faulty:

- Audio CDs do not play when loaded
- DVDs do not play when loaded
- Blank discs do not burn correctly
- DVD or CD play breaks up or jumps
- Optical drive not found or not active:
    - Not shown in My Computer or the BIOS setup
    - LED does not flash when the computer starts up
    - The tray does not eject
- Access failure screen displays
- The ODD is noisy

Perform the following general solutions one at a time to correct the problem.

1. Reboot the computer and retry the operation.

2. Try an alternate disc.
3. Navigate to **Start**→ **Computer**. Check that the ODD device is displayed in the **Devices with Removable Storage** panel.
4. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**.
    - a. Double-click **IDE ATA/ATAPI controllers**. If a device displays a down arrow, right-click on the device and click **Enable**.
    - b. Double-click **DVD/CD-ROM drives**. If the device displays a down arrow, right-click on the device and click **Enable**.
    - c. Check that there are no yellow exclamation marks against the items in **IDE ATA/ATAPI controllers**. If a device has an exclamation mark, right-click on the device and uninstall and reinstall the driver.
    - d. Check that there are no yellow exclamation marks against the items in **DVD/CD-ROM drives**. If a device has an exclamation mark, right-click on the device and uninstall and reinstall the driver.
    - e. If the exclamation marker is not removed from the item in the lists, try removing any recently installed software and retrying the operation.

### Discs Do Not Play

If discs do not play when inserted in the drive, perform the following actions one at a time to correct the problem.

1. Check that the disc is correctly seated in the drive tray and that the label on the disc is visible.
2. Check that the media is clean and scratch free.
3. Try an alternate disc in the drive.
4. Ensure that **AutoPlay** is enabled:
    - a. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **AutoPlay**.
    - b. Select **Use AutoPlay for all media and devices**.
    - c. In the Audio CD and DVD Movie fields, select the desired player from the drop down menu.
5. Check that the Regional Code is correct for the selected media:

**IMPORTANT:**Region can only be changed a limited number of times. After Changes remaining reaches zero, the region cannot be changed even Windows is reinstalled or the drive is moved to another computer.

- a. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**.
- b. Double-click **DVD/CD-ROM drives**.
- c. Right-click **DVD drive** and click **Properties**, then click the **DVD Region** tab.
- d. Select the region suitable for the media inserted in the drive.

### Discs Do Not Burn Properly

If discs can not be burned, perform the following actions one at a time to correct the problem.

1. Ensure that the default drive is record enabled:
    - a. Navigate to **Start**→ **Computer** and right-click the writable ODD icon. Click **Properties**.
    - b. Select the **Recording** tab. In the **Desktop disc recording** panel, select the writable ODD from the drop down list.
    - c. Click **OK**.
2. Ensure that the software used for burning discs is the factory default. If using different software, refer to the software's user manual.

### Playback is Choppy

If playback is choppy or jumps, perform the following actions one at a time to correct the problem.

1. Check that system resources are not running low:

a. Try closing some applications.

b. Reboot and try the operation again.

2. Check that the ODD controller transfer mode is set to DMA:

   a. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**.

   b. Double-click **IDE ATA/ATAPI controllers**, then right-click ATA Device 0.

   c. Click **Properties** and select the **Advanced Settings** tab. Ensure that the **Enable DMA** box is checked and click **OK**.

   d. Repeat for the other ATA Devices shown if applicable.

### Drive Not Detected

If Windows cannot detect the drive, perform the following actions one at a time to correct the problem.

1. Restart the computer and press F2 to enter the BIOS Utility.

2. Check that the drive is detected in the **ATAPI Model Name** field on the Information page.

   **NOTE:** Check that the entry is identical to one of the ODDs specified in “Hardware Specifications and Configurations” on page 18.

3. Turn off the power and remove the cover to inspect the connections to the ODD. See “Disassembly Process” on page 42.

   a. Check for broken connectors on the drive, motherboard, and cables.

   b. Check for bent or broken pins on the drive, motherboard, and cable connections.

   c. Try an alternate cable, if available. If the drive works with the new cable, the original cable should be replaced.

4. Reseat the drive ensuring and all cables are connected correctly.

5. Replace the ODD. See “Disassembly Process” on page 42.

### Drive Read Failure

If discs cannot be read when inserted in the drive, perform the following actions one at a time to correct the problem.

1. Remove and clean the failed disc.

2. Retry reading the CD or DVD.

   d. Test the drive using other discs.

   e. Play a DVD movie

   f. Listen to a music CD

   If the ODD works properly with alternate discs, the original disc is probably defective and should be replaced.

3. Turn off the power and remove the cover to inspect the connections to the ODD. See “Disassembly Process” on page 42.

   a. Check for broken connectors on the drive, motherboard, and cables.

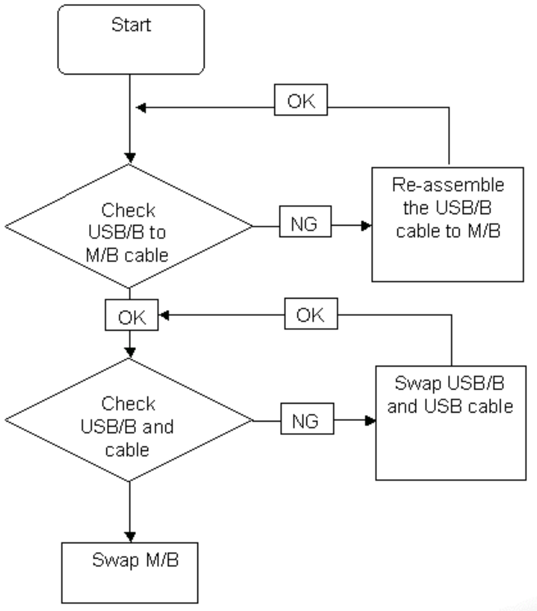
   b. Check for bent or broken pins on the drive, motherboard, and cable connections.

   c. Try an alternate cable, if available. If the drive works with the new cable, the original cable should be replaced.

4. Replace the ODD. See “Disassembly Process” on page 42.

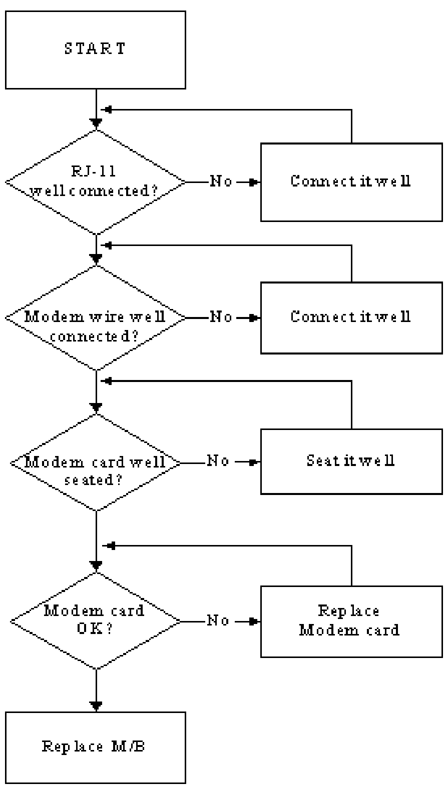
# USB Failure (Rightside)

If the rightside **USB** port fails, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:




# Modem Failure

If the **Modem** fails, perform the following actions one at a time to correct the problem. Do not replace a non-defective FRUs:



## External Mouse Failure

If an external **Mouse** fails, perform the following actions one at a time to correct the problem.

1. Try an alternative mouse.
2. If the mouse uses a wireless connection, insert new batteries and confirm there is a good connection. See the mouse user manual.
3. If the mouse uses a USB connection, try an alternate USB port.
4. Try an alternative program to verify mouse operation. Reinstall the program experiencing mouse failure.
5. Restart the computer.
6. Remove any recently added hardware and associated software.
7. Remove any recently added software and reboot.
8. Restore system and file settings from a known good date using **System Restore**.

   If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
9. Run the Event Viewer to check the events log for errors. For more information see Windows Help and Support.
10. Roll back the mouse driver to the previous version if updated recently.
11. Remove and reinstall the mouse driver.
12. Check the Device Manager to determine that:
    - The device is properly installed. There are no red Xs or yellow exclamation marks.
    - There are no device conflicts.
    - No hardware is listed under Other Devices.
13. If the Issue is still not resolved, see “Online Support Information” on page 211.

## Other Failures

If the CRT Switch, Dock, LAN Port, external MIC or Speakers, PCI Express Card, 5-in-1 Card Reader or Volume Wheel fail, perform the following general steps to correct the problem. Do not replace a non-defective FRUs:

1. Check Drive whether is OK.
2. Check Test Fixture is ok.
3. Swap M/B to Try.

# Intermittent Problems

Intermittent system hang problems can be caused by a variety of reasons that have nothing to do with a hardware defect, such as: cosmic radiation, electrostatic discharge, or software errors. FRU replacement should be considered only when a recurring problem exists.

When analyzing an intermittent problem, do the following:

1. Run the advanced diagnostic test for the system board in loop mode at least 10 times.
2. If no error is detected, do not replace any FRU.
3. If any error is detected, replace the FRU. Rerun the test to verify that there are no more errors.

# Undetermined Problems

The diagnostic problems does not identify which adapter or device failed, which installed devices are incorrect, whether a short circuit is suspected, or whether the system is inoperative.

Follow these procedures to isolate the failing FRU (do not isolate non-defective FRU).

**NOTE:** Verify that all attached devices are supported by the computer.

**NOTE:** Verify that the power supply being used at the time of the failure is operating correctly. (See “Power On Issue” on page 118.):

1. Power-off the computer.
2. Visually check them for damage. If any problems are found, replace the FRU.
3. Remove or disconnect all of the following devices:
    - Non-Acer devices
    - Printer, mouse, and other external devices
    - Battery pack
    - Hard disk drive
    - DIMM
    - CD-ROM/Diskette drive Module
    - PC Cards
4. Power-on the computer.
5. Determine if the problem has changed.
6. If the problem does not recur, reconnect the removed devices one at a time until you find the failing FRU.
7. If the problem remains, replace the following FRU one at a time. Do not replace a non-defective FRU:
    - System board
    - LCD assembly

# POST Codes Tables

These tables describe the chipset and core POST codes, functions, phases, and components for the POST.

The following table details the chipset POST codes and functions used in the POST.

| Code | Beeps | POST Routine Description |
|---|---|---|
| 02h | | Verify Real Mode |
| 03h | | Disable Non-Maskable Interrupt (NMI) |
| 04h | | Get CPU type |
| 06h | | Initialize system hardware |
| 08h | | Initialize chipset with initial POST values |
| 09h | | Set IN POST flag |
| 0Ah | | Initialize CPU registers |
| 0Bh | | Enable CPU cache |
| 0Ch | | Initialize caches to initial POST values |
| 0Eh | | Initialize I/O component |
| 0Fh | | Initialize the local bus IDE |
| 10h | | Initialize Power Management |
| 11h | | Load alternate registers with initial POST values |
| 12h | | Restore CPU control word during warm boot |
| 13h | | Initialize PCI Bus Mastering devices |
| 14h | | Initialize keyboard controller |
| 16h | 1-2-2-3 | BIOS ROM checksum |
| 17h | | Initialize cache before memory autosize |
| 18h | 8254 | timer initialization |
| 1Ah | 8237 | DMA controller initialization |
| 1Ch | | Reset Programmable Interrupt Controller |
| 20h | 1-3-1-1 | Test DRAM refresh |
| 22h | 1-3-1-3 | Test 8742 Keyboard Controller |
| 24h | | Set ES segment register to 4 GB |
| 26h | | Enable A20 line |
| 28h | | Autosize DRAM |
| 29h | | Initialize POST Memory Manager |
| 2Ah | | Clear 512 KB base RAM |
| 2Ch | 1-3-4-1 | RAM failure on address line xxxx* |
| 2Eh | 1-3-4-3 | RAM failure on data bits xxxx* of low byte of memory bus |
| 2Fh | | Enable cache before system BIOS shadow |
| 30h | 1-4-1-1 | RAM failure on data bits xxxx* of high byte of memory bus |
| 32h | | Test CPU bus-clock frequency |
| 33h | | Initialize Phoenix Dispatch Manager |
| 36h | | Warm start shut down |
| 38h | | Shadow system BIOS ROM |
| 3Ah | | Autosize cache |
| 3Ch | | Advanced configuration of chipset registers |
| 3Dh | | Load alternate registers with CMOS values |

| Code | Beeps | POST Routine Description |
|---|---|---|
| 42h | | Initialize interrupt vectors |
| 45h | | POST device initialization |
| 46h | 2-1-2-3 | Check ROM copyright notice |
| 48h | | Check video configuration against CMOS |
| 49h | | Initialize PCI bus and devices |
| 4Ah | | Initialize all video adapters in system |
| 4Bh | | QuietBoot start (optional) |
| 4Ch | | Shadow video BIOS ROM |
| 4Eh | | Display BIOS copyright notice |
| 50h | | Display CPU type and speed |
| 51h | | Initialize EISA board |
| 52h | | Test keyboard |
| 54h | | Set key click if enabled |
| 58h | 2-2-3-1 | Test for unexpected interrupts |
| 59h | | Initialize POST display service |
| 5Ah | | Display prompt **Press F2 to enter SETUP** |
| 5Bh | | Disable CPU cache |
| 5Ch | | Test RAM between 512 and 640 KB |
| 60h | | Test extended memory |
| 62h | | Test extended memory address lines |
| 64h | | Jump to UserPatch1 |
| 66h | | Configure advanced cache registers |
| 67h | | Initialize Multi Processor APIC |
| 68h | | Enable external and CPU caches |
| 69h | | Setup System Management Mode (SMM) area |
| 6Ah | | Display external L2 cache size |
| 6Bh | | Load custom defaults (optional) |
| 6Ch | | Display shadow-area message |
| 6Eh | | Display possible high address for UMB recovery |
| 70h | | Display error messages |
| 72h | | Check for configuration errors |
| 76h | | Check for keyboard errors |
| 7Ch | | Set up hardware interrupt vectors |
| 7Eh | | Initialize coprocessor if present |
| 80h | | Disable onboard Super I/O ports and IRQs |
| 81h | | Late POST device initialization |
| 82h | | Detect and install external RS232 ports |
| 83h | | Configure non-MCD IDE controllers |
| 84h | | Detect and install external parallel ports |
| 85h | | Initialize PC-compatible PnP ISA devices |
| 86h | | Re-initialize onboard I/O ports. |
| 87h | | Configure Motherboard Configurable Devices (optional) |
| 88h | | Initialize BIOS Data Area |

| Code | Beeps | POST Routine Description |
|---|---|---|
| 89h | | Enable Non-Maskable Interrupts (NMIs) |
| 8Ah | | Initialize Extended BIOS Data Area |
| 8Bh | | Test and initialize PS/2 mouse |
| 8Ch | | Initialize floppy controller |
| 8Fh | | Determine number of ATA drives (optional) |
| 90h | | Initialize hard-disk controllers |
| 91h | | Initialize local-bus hard-disk controllers |
| 92h | | Jump to UserPatch2 |
| 93h | | Build MPTABLE for multi-processor boards |
| 95h | | Install CD ROM for boot |
| 96h | | Clear huge ES segment register |
| 97h | | Fixup Multi Processor table |
| 98h | 1-2 | Search for option ROMs. One long, two short beeps on checksum failure |
| 99h | | Check for SMART Drive (optional) |
| 9Ah | | Shadow option ROMs |
| 9Ch | | Set up Power Management |
| 9Dh | | Initialize security engine (optional) |
| 9Eh | | Enable hardware interrupts |
| 9Fh | | Determine number of ATA and SCSI drives |
| A0h | | Set time of day |
| A2h | | Check key lock |
| A4h | | Initialize Typematic rate |
| A8h | | Erase F2 prompt |
| AAh | | Scan for F2 key stroke |
| ACh | | Enter SETUP |
| AEh | | Clear Boot flag |
| B0h | | Check for errors |
| B2h | | POST done - prepare to boot operating system |
| B4h | 1 | One short beep before boot |
| B5h | | Terminate QuietBoot (optional) |
| B6h | | Check password (optional) |
| B9h | | Prepare Boot |
| BAh | | Initialize DMI parameters |
| BBh | | Initialize PnP Option ROMs |
| BCh | | Clear parity checkers |
| BDh | | Display MultiBoot menu |
| BEh | | Clear screen (optional) |
| BFh | | Check virus and backup reminders |
| C0h | | Try to boot with INT 19 |
| C1h | | Initialize POST Error Manager (PEM) |
| C2h | | Initialize error logging |
| C3h | | Initialize error display function |
| C4h | | Initialize system error handler |

| Code | Beeps | POST Routine Description |
|---|---|---|
| C5h | | PnPnd dual CMOS (optional) |
| C6h | | Initialize notebook docking (optional) |
| C7h | | Initialize notebook docking late |
| C8h | | Force check (optional) |
| C9h | | Extended checksum (optional) |
| D2h | | Unknown interrupt |

| Code | Beeps | For Boot Block in Flash ROM |
|---|---|---|
| E0h | | Initialize the chipset |
| E1h | | Initialize the bridge |
| E2h | | Initialize the CPU |
| E3h | | Initialize system timer |
| E4h | | Initialize system I/O |
| E5h | | Check force recovery boot |
| E6h | | Checksum BIOS ROM |
| E7h | | Go to BIOS |
| E8h | | Set Huge Segment |
| E9h | | Initialize Multi Processor |
| EAh | | Initialize OEM special code |
| EBh | | Initialize PIC and DMA |
| ECh | | Initialize Memory type |
| EDh | | Initialize Memory size |
| EEh | | Shadow Boot Block |
| EFh | | System memory test |
| F0h | | Initialize interrupt vectors |
| F1h | | Initialize Run Time Clock |
| F2h | | Initialize video |
| F3h | | Initialize System Management Mode |
| F4h | 1 | Output one beep before boot |
| F5h | | Boot to Mini DOS |
| F6h | | Clear Huge Segment |
| F7h | | Boot to Full DOS |

* If the BIOS detects error 2C, 2E, or 30 (base 512K RAM error), it displays an additional word-bitmap (xxxx) indicating the address line or bits that failed. For example, **2C 0002** means address line 1 (bit one set) has failed. **2E 1020** means data bits 12 and 5 (bits 12 and 5 set) have failed in the lower 16 bits. Note that error 30 cannot occur on 386SX systems because they have a 16 rather than 32-bit bus. The BIOS also sends the bitmap to the port-80 LED display. It first displays the check point code, followed by a delay, the high-order byte, another delay, and then the low-order byte of the error. It repeats this sequence continuously.

# Chipset POST Codes

The following table details the Chipset POST codes and components used in the POST.

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0xA0 | MRC Entry | PEI | chipset/MRC |
| 0x01 | Enable MCHBAR | PEI | chipset/MRC |
| 0x02 | Check ME existence | PEI | chipset/MRC |
| 0x03 | Check for DRAM initialization interrupt and reset fail | PEI | chipset/MRC |
| 0x04 | Determine the system Memory type based on first populated socket | PEI | chipset/MRC |
| 0x05 | Verify all DIMMs are DDR2 and SO-DIMMS, which are unbuffered | PEI | chipset/MRC |
| 0x06 | Verify all DIMMs are Non-ECC | PEI | chipset/MRC |
| 0x07 | Verify all DIMMs are single or double sided and not mixed | PEI | chipset/MRC |
| 0x08 | Verify all DIMMs are x8 or x16 width | PEI | chipset/MRC |
| 0x09 | Calculate number of Row and Column bits | PEI | chipset/MRC |
| 0x10 | Calculate number of banks for each DIMM | PEI | chipset/MRC |
| 0x11 | Determine raw card type | PEI | chipset/MRC |
| 0x12 | Find a common CAS latency between the DIMMS and the MCH | PEI | chipset/MRC |
| 0x13 | Determine the memory frequency and CAS latency to program | PEI | chipset/MRC |
| 0x14 | Determine the smallest common timing value for all DIMMS | PEI | chipset/MRC |
| 0x17 | Power management resume | PEI | chipset/MRC |
| 0x18 | Program DRAM type (DDR2/DDR3) and Power up sequence | PEI | chipset/MRC |
| 0x19 | Program the correct system memory frequency | PEI | chipset/MRC |
| 0x20 | Program the correct Graphics memory frequency | PEI | chipset/MRC |
| 0x21 | Early DRC initialization | PEI | chipset/MRC |
| 0x22 | Program the DRAM Row Attributes and DRAM Row Boundary registers PRE JEDEC. | PEI | chipset/MRC |
| 0x23 | Program the RCOMP SRAM registers | PEI | chipset/MRC |
| 0x24 | Program DRAM type (DDR2/DDR3) and Power up sequence | PEI | chipset/MRC |
| 0x25 | Program the DRAM Timing | PEI | chipset/MRC |
| 0x26 | Program the DRAM Bank Architecture register | PEI | chipset/MRC |
| 0x27 | Enable all clocks on populated rows | PEI | chipset/MRC |
| 0x28 | Program MCH ODT | PEI | chipset/MRC |
| 0x29 | Program tRD | PEI | chipset/MRC |
| 0x30 | Miscellaneous Pre JEDEC steps | PEI | chipset/MRC |
| 0x31 | Program clock crossing registers | PEI | chipset/MRC |
| 0x32 | Program the Egress port timings | PEI | chipset/MRC |
| 0x33 | Program the Memory IO registers | PEI | chipset/MRC |
| 0x34 | Perform steps required before JEDEC | PEI | chipset/MRC |
| 0x35 | Perform JEDEC memory initialization for all memory rows | PEI | chipset/MRC |
| 0x36 | Setup DRAM control register for normal operation and enable | PEI | chipset/MRC |
| 0x37 | Do ZQ calibration for DDR3 | PEI | chipset/MRC |
| 0x38 | Perform final Dra/Drb programming, Set the mode of operation for the memory channels | PEI | chipset/MRC |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x39 | Set Enhanced addressing mode for each channel | PEI | chipset/MRC |
| 0x40 | Perform steps required after JEDEC init | PEI | chipset/MRC |
| 0x41 | Program the receive enable reference timing control register | PEI | chipset/MRC |
| 0x42 | Post receive enable initialization | PEI | chipset/MRC |
| 0x43 | Enable sense amps. Reset read/write DQS pointers | PEI | chipset/MRC |
| 0x44 | Perform ME steps | PEI | chipset/MRC |
| 0x45 | Clear DRAM initialization bit in the ICH. | PEI | chipset/MRC |
| 0x46 | Program Thermal Management | PEI | chipset/MRC |
| 0x47 | Program TS on DIMM | PEI | chipset/MRC |
| 0x48 | Program TS on Board | PEI | chipset/MRC |
| 0xAF | Exit MRC | PEI | chipset/MRC |
| 0xE0 | #define MEM_ERR_BAD_DIMM (S11) | PEI | chipset/MRC |
| 0xE1 | #define MEM_ERR_ECC_DIMM (S06) | PEI | chipset/MRC |
| 0xE2 | #define MEM_ERR_SIDES (S07) | PEI | chipset/MRC |
| 0xE3 | #define MEM_ERR_WIDTH (S08, S10) | PEI | chipset/MRC |
| 0xE4 | #define MEM_ERR_TRFC (FindTrasTrpTrcd) | PEI | chipset/MRC |
| 0xE5 | #define MEM_ERR_CAS_LATENCY (S12, S13) | PEI | chipset/MRC |
| 0xE6 | #define MEM_ERR_REFRESH (ProgDrt) | PEI | chipset/MRC |
| 0xE7 | #define MEM_ERR_BL8 (S14) | PEI | chipset/MRC |
| 0xE9 | #define MEM_ERR_FREQUENCY (findTCLTacTClk, S13, S12, ProgramGraphicsFrequency, ProgMchOdt, GetPlatformData) | PEI | chipset/MRC |
| 0xEA | #define MEM_ERR_SIZE (S14) | PEI | chipset/MRC |
| 0xEC | #define MEM_ERR_TRAS (FindTrasTrpTrcd) | PEI | chipset/MRC |
| 0xED | #define MEM_ERR_TRP (FindTrasTrpTrcd) | PEI | chipset/MRC |
| 0xEE | #define MEM_ERR_TRCD (FindTrasTrpTrcd) | PEI | chipset/MRC |
| 0xEF | #define MEM_ERR_TWR (FindTrasTrpTrcd) | PEI | chipset/MRC |
| 0xF0 | #define MEM_ERR_RCVEN_FINDLOW (CalibrateRcvenForGroup) | PEI | chipset/MRC |
| 0xF1 | #define MEM_ERR_RCVEN_FINDEDGE (CalibrateRcvenForGroup) | PEI | chipset/MRC |
| 0xF2 | #define MEM_ERR_RCVEN_FINDPREAMBLE (CalibrateRcvenForGroup) | PEI | chipset/MRC |
| 0xF6 | #define MEM_ERR_RCVEN_PREAMBLEEDGE (CalibrateRcvenForGroup) | PEI | chipset/MRC |
| 0xF3 | #define MEM_ERR_RCVEN_FINDCENTER (CalibrateRcvenForGroup) | PEI | chipset/MRC |
| 0xF4 | #define MEM_ERR_TYPE (S11, S04) | PEI | chipset/MRC |
| 0xF5 | #define MEM_ERR_RAWCARD (S11) | PEI | chipset/MRC |
| 0xFA | #define MEM_ERR_SFF (ProgWrioDll) | PEI | chipset/MRC |
| 0xFB | #define MEM_ERR_THERMAL (ProgramThrottling) | PEI | chipset/MRC |
| 0xA0xx | Launch BIOS ACMSclean | PEI | chipset/MRC |
| 0xA4xx | Launch BIOS ACMScheck | PEI | chipset/MRC |
| 0xE5 | Wait for ME ready | DXE | HECI/iAMT |
| 0xE6 | ME Ready | DXE | HECI/iAMT |

## Core POST Code Table

The following table details the core POST codes and functions used in SecureCore.

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x00 | Early Microcode update for CAR | CEI / SEC | Core |
| 0x01 | Enable CAR | CEI / SEC | Core |
| 0x02 | CAR Done, initial stack | CEI / SEC | Core |
| 0xEE | unknown CPU ID to load uCode | CEI / SEC | CPU |
| 0xEF | unknown DT CPU to load uCode | CEI / SEC | CPU |
| 0xnn | File count found in a volume | PEI | Core |
| 0x11 | Debug Test driver for debug test PPI 1 (If install debugTest driver) | PEI | Core |
| 0x22 | Debug Test driver for debug test PPI 2 (If install debugTest driver) | PEI | Core |
| 0x33 | Debug Test driver for debug test PPI 3 (If install debugTest driver) | PEI | Core |
| 0x44 | Entry point of loadfile | PEI | Core |
| 0x88 | Entry point of apMuLoader | PEI | Core |
| 0x80 | A PEIM found | PEI | Core |
| 0x82 | PEIM not dispatched yet | PEI | Core |
| 0x84 | PEIM satisfies depex | PEI | Core |
| 0x86 | Image loaded but fail on security | PEI | Core |
| 0x88 | Executing a PEIM | PEI | Core |
| 0x8A | Processing notify event for newly installed PPI | PEI | Core |
| 0x8C | Handing off to next phase (DXE) | PEI | Core |
| 0x8F | Fail to hand off to next phase, system halt | PEI | Core |
| 0x90 | All PEIM dispatched! Going to DxeIpl | PEI | Core |
| 0xCC | AP Micro-code update | PEI | Core |
| 0x20 | S3 resume entry | S3 resume | Core |
| 0x21 | Start running Boot-time bootscripts | S3 resume | Core |
| 0x22 | Start running Run-time bootscripts | S3 resume | Core |
| 0x23 | End of S3 resume, jump back to Waking vector | S3 resume | Core |
| 0x80 | Initialize the chipset | Crisis Recovery | Core |
| 0x81 | Initialize the bridge | Crisis Recovery | Core |
| 0x82 | Initialize the CPU | Crisis Recovery | Core |
| 0x89 | Set Huge Segment | Crisis Recovery | Core |
| 0x83 | Initialize system timer | Crisis Recovery | Core |
| 0x84 | Initialize system I/O | Crisis Recovery | Core |
| 0x88 | Initialize Multi Processor | Crisis Recovery | Core |
| 0x8A | Initialize OEM special code | Crisis Recovery | Core |
| 0x8B | Initialize PIC and DMA | Crisis Recovery | Core |
| 0x8C | Initialize Memory type | Crisis Recovery | Core |
| 0x8D | Initialize Memory size | Crisis Recovery | Core |
| 0x8F | Initialize SMM | Crisis Recovery | Core |
| 0x90 | System memory test | Crisis Recovery | Core |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x91 | Initialize interrupt vectors | Crisis Recovery | Core |
| 0x92 | Initialize Run Time Clock | Crisis Recovery | Core |
| 0x99 | Initialize security | Crisis Recovery | Core |
| 0x93 | Initialize video | Crisis Recovery | Core |
| 0x94 | Output one beep | Crisis Recovery | Core |
| 0x98 | USB Initialization | Crisis Recovery | Core |
| 0x95 | Initialize the installed boot devices | Crisis Recovery | Core |
| 0x96 | Clear Huge segment | Crisis Recovery | Core |
| 0x97 | Boot Crisis Disk | Crisis Recovery | Core |
| 0x20 | DXE starts | DXE | Core |
| 0x30 | BIOSPSM | DXE | Core |
| 0x02 | BIOSBlockIO | DXE | Core |
| 0x00 | BIOSPSM Exception Handler / Divide error | BIOSPSM | Core |
| 0x38 | Cannot locate LegacyRegion DXE | BIOSPSM | Core |
| 0xB1 | ACPISupport driver Installed | DXE | Core |
| 0xE0 | BDS Entry | DXE | Core |
| 0x07 | IA32 variable driver entry | DXE | Core |
| 0x0D | conspliter driver entry | DXE | Core |
| 0x10 | partition driver entry | DXE | Core |
| 0x49 | pciRootBridge driver entry | DXE | Core |
| 0xC6 | pciBusDriver entry | DXE | Core |
| 0xE0 | Go to legacy BIOS or BDS Entry Point | DXE | Core |
| 0x90 | Start Image | DXE | Core |
| 0x90 | Start Image Successfully | DXE | Core |
| 0x90 | Start Image Failed | DXE | Core |
| 0x33 | Debug Test driver for debug test PPI 1 | DXE | Core |
| 0x22 | Debug Test driver for debug test PPI 2 | DXE | Core |
| 0x11 | Debug Test driver for debug test PPI 3 | DXE | Core |
| 0x02 | Invalid event # for measuring Separator Event | DXE | TCG |
| 0x02 | Invalid event # for measuring Separator Event | DXE | TCG |
| 0x02 | PCR Index over limit (PCR > 23) | DXE | TCG |
| 0x02 | TCG copy memory failed | DXE | TCG |
| 0x09 | TCG log event failed | DXE | TCG |
| 0x09 | Setup event log failed | DXE | TCG |
| 0x12 | TIS set active locality failed | DXE | TCG |
| 0x12 | TIS relinquish active locality failed | DXE | TCG |
| 0x12 | TIS wait command ready failed (prepare to send) | DXE | TCG |
| 0x12 | TIS abort 'send 'command due to timeout | DXE | TCG |
| 0x12 | TIS abort 'sendAndGo 'command due to timeout | DXE | TCG |
| 0x04 | TIS wait bit set failed before send last byte | DXE | TCG |
| 0x12 | TIS abort command due to timeout before send last byte | DXE | TCG |
| 0x04 | TIS wait bit clear failed when sending last byte | DXE | TCG |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x22 | TCG Physical Presence execution | DXE | TCG |
| 0xB1 | TCG DXE common pass through | DXE | TCG |
| 0xE3 | First Legacy BIOS Task table for legacy reset | LBT | Core |
| 0x20 | Verify that DRAM refresh is operating by polling the refresh bit in PORTB. | LBT | Core |
| 0xDA | Dummy PCIE Init entry, now handled by driver | LBT | Core |
| 0x29 | PMM (POST Memory Manager) init | LBT | Core |
| 0xE5 | WHEA init | LBT | Core |
| 0x33 | PDM (Post Dispatcher Manager) init | LBT | Core |
| 0x01 | IPMI init | LBT | Core |
| 0xD8 | ASF Init | LBT | Core |
| 0x09 | Set in-POST flag in CMOS that indicates we are in POST. If this bit is not cleared by postClearBootFlagJ(AEh), the TrustedCore on next boot determines that the current configuration caused POST to fail and uses default values for configuration. | LBT | Core |
| 0x2B | Enhanced CMOS init | LBT | Core |
| 0xE0 | EFI Variable Init | LBT | Core |
| 0xC1 | PEM (Post Error Manager) init | LBT | Core |
| 0x3B | Debug Service Init (ROM Polit) | LBT | Core |
| 0xDC | POST Update Error | LBT | Core |
| 0x3A | Autosize external cache and program cache size for enabling later in POST. | LBT | Core |
| 0x0B | Enable CPU cache. Set bits in cmos related to cache. | LBT | Core |
| 0x0F | Enable the local bus IDE as primary or secondary depending on other drives detected. | LBT | Core |
| 0x10 | Initialize Power Management. | LBT | Core |
| 0x14 | Verify that the 8742 keyboard controller is responding. Send a self-test command to the 8742 and wait for results. Also read the switch inputs from the 8742 and write the keyboard controller command byte. | LBT | Core |
| 0x1A | Initialize DMA command register with these settings:<br>1. Memory to memory disabled<br>2. Channel 0 hold address disabled<br>3. Controller enabled<br>4. Normal timing<br>5. Fixed priority<br>6. Late write selection<br>7. DREQ sense active<br>8. DACK sense active low. Initialize | LBT | Core |
| 0x22 | Reset the keyboard. | LBT | Core |
| 0x40 | Test A20 line | LBT | Core |
| 0x67 | Quick initialization of all Application Processors in a multi-processor system | LBT | Core |
| 0x32 | Compute CPU speed. | LBT | Core |
| 0x69 | Initialize the handler for SMM. | LBT | Core |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x6B | If CMOS is bad, load Custom Defaults from flash into CMOS. If successful, reboot. | LBT | Core |
| 0x3C | If CMOS is valid, load chipset registers with values from CMOS, otherwise load defaults and display Setup prompt. If Auto Configuration is enabled, always load the chipset registers with the Setup defaults (Rel 6.0). | LBT | Core |
| 0x3D | Load alternate registers with CMOS values | LBT | Core |
| 0x42 | Initialize interrupt vectors 0 thru 77h | LBT | Core |
| 0x46 | Verify the ROM copyright notice | LBT | Core |
| 0x45 | Initialize all motherboard devices. | LBT | Core |
| 0x49 | 1. Size the PCI bus topology and set bridge bus numbers.<br>2. Set the system max bus number.<br>3. Write a 0 to the command register of every PCI device.<br>4. Write a 0 to all 6 base registers in every PCI device.<br>5. Write a -1 to the status register of every PC | LBT | Core |
| 0xC6 | Initialize note dock | LBT | Core |
| 0xC5 | PnPnd dual CMOS (optional) | LBT | Core |
| 0x48 | Verify that the equipment specified in the CMOS matches the hardware currently installed. If the monitor type is set to 00 then a video ROM must exist. If the monitor type is 1 or 2 set the video switch to CGA. If monitor type 3, set the video switch to m | LBT | Core |
| 0xD1 | Initialize BIOS stack | LBT | Core |
| 0xD3 | Setup E820h and WAD memory map | LBT | Core |
| 0x24 | Set segment-register addressability to 4 GB | LBT | Core |
| 0xCC | Redirect Int 10h to enable target board to use a remote serial video (PICO BIOS). | LBT | Core |
| 0x8A | Initialize Extended BIOS Data Area and initialize the mouse. | LBT | Core |
| 0x9D | Initialize Security Engine. | LBT | Core |
| 0x55 | USB Initialization | LBT | Core |
| 0x52 | Verify keyboard reset. | LBT | Core |
| 0x54 | Initialize keystroke clicker if enabled in Setup. | LBT | Core |
| 0x76 | Check status bits for keyboard-related failures. Display error messages on the screen. | LBT | Core |
| 0x4A | Initialize all video adapters in system | LBT | Core |
| 0x4C | Shadow video BIOS ROM if specified by Setup, and CMOS is valid and the previous boot was OK. | LBT | Core |
| 0x59 | Register POST Display Services, fonts, and languages with the POST Dispatch Manager. | LBT | Core |
| 0x57 | Initialize 1394 Firewire | LBT | Core |
| 0xD6 | Initialize PC card | LBT | Core |
| 0x58 | Test for unexpected interrupts. First do an STI for hot interrupts. Secondly, test the NMI for an unexpected interrupt. Thirdly, enable the parity checkers and read from memory, checking for an unexpected interrupt. | LBT | Core |
| 0x3F | ROMPolit memory init | LBT | Core |
| 0xC4 | Install the IRQ vectors (Sever Hotkey) | LBT | Core |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x7C | Initialize the hardware interrupt vectors from 08 to 0F and from 70h to 77H. Also set the interrupt vectors from 60h to 66H to zero. | LBT | Core |
| 0x41 | ROM Pilot Init | LBT | Core |
| 0x4B | Initialize QuietBoot if it is installed. Enable both keyboard and timer interrupts (IRQ0 and IRQ1). If your POST tasks require interrupts off, preserve them with a PUSHF and CLI at the beginning and a POPF at the end. If you change the PIC, preserve the e | LBT | Core |
| 0xDE | Initialize and UNDI ROM (fro remote flash) | LBT | Core |
| 0xC6 | Initial and install console for UCR | LBT | Core |
| 0x4E | Display copyright notice. | LBT | Core |
| 0xD4 | Get CPU branding string | LBT | Core |
| 0x50 | Display CPU type and speed | LBT | Core |
| 0xC9 | pretask before EISA init | LBT | Core |
| 0x51 | EISA Init | LBT | Core |
| 0x5A | Display prompt "Press F2 to enter SETUP" | LBT | Core |
| 0x5B | Disable CPU cache. | LBT | Core |
| 0x5C | Test RAM between 512K and 640K. | LBT | Core |
| 0x60 | Determine and test the amount of extended memory available. Determine if memory exists by writing to a few strategic locations and see if the data can be read back. If so, perform an address-line test and a RAM test on the memory. Save the total extended | LBT | Core |
| 0x62 | The amount of memory available. This test is dependent on the processor, since the test will vary depending on the width of memory (16 or 32 bits). This test will also use A20 as the skew address to prevent corruption of the system memory. | LBT | Core |
| 0x64 | Jump to UserPatch1. | LBT | Core |
| 0x66 | Set cache registers to their CMOS values if CMOS is valid, unless auto configuration is enabled, in which case load cache registers from the Setup default table. | LBT | Core |
| 0x68 | Enable external cache and CPU cache if present. Configure non-cacheable regions if necessary. | LBT | Core |
| 0x6A | Display external cache size on the screen if it is non-zero. | LBT | Core |
| 0x6C | Display shadow message | LBT | Core |
| 0xCA | post EISA init | LBT | Core |
| 0x70 | Check flags in CMOS and in the TrustedCore data area for errors detected during POST. Display error messages on the screen. | LBT | Core |
| 0x72 | Check status bits to see if configuration problems were detected. If so, display error messages on the screen. | LBT | Core |
| 0x4F | Initialize MultiBoot. Allocate memory for old and new MultiBoot history tables. | LBT | Core |
| 0xCD | Reclaim console vector after HW vectors initialized. | LBT | Core |
| 0x7D | Initialize Intelligent System Monitoring. | LBT | Core |

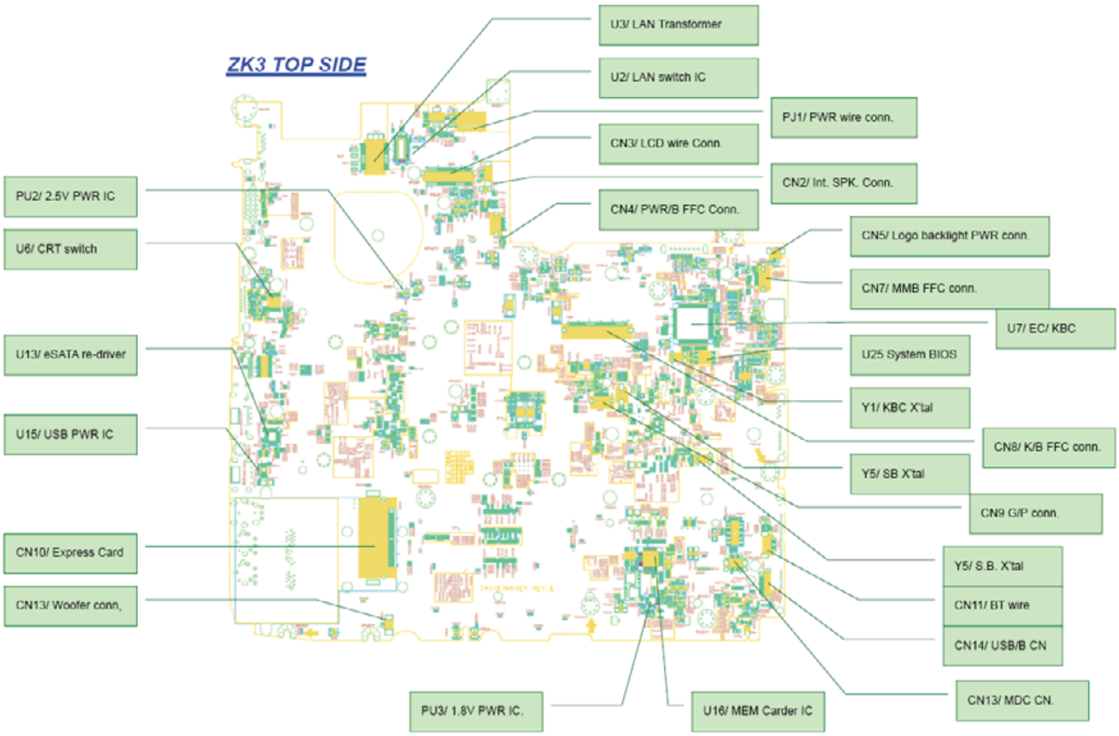
| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x7E | The Coprocessor initialization test. Use the floating point instructions to determine if a coprocessor exists instead of the ET bit in CR0. | LBT | Core |
| 0xC1 | Check Boot Type (Server BIOS) | LBT | Core |
| 0x80 | Disable onboard COM and LPT ports before testing for presence of external I/O devices. | LBT | Core |
| 0xCA | Redirect Int 15h to enable target board to use remote keyboard (PICO BIOS). | LBT | Core |
| 0x88 | Initialize interrupt controller. | LBT | Core |
| 0x81 | Run late device initialization routines. | LBT | Core |
| 0x87 | Initialize motherboard configurable devices. | LBT | Core |
| 0x85 | Display any ESCD read errors and configure all PnP ISA devices. | LBT | Core |
| 0x82 | Test and identify RS232 ports. | LBT | Core |
| 0x84 | Test and identify parallel ports. | LBT | Core |
| 0x86 | Initialize onboard I/O and BDA according to CMOS and presence of external devices. | LBT | Core |
| 0x83 | Configure Fisk Disk Controller. | LBT | Core |
| 0xCE | Initialize digitizer device and display installed message if successful. | LBT | Core |
| 0x89 | Enable non-maskable interrupts. | LBT | Core |
| 0x8C | Initialize both of the floppy disks and display an error message if failure was detected. Check both drives to establish the appropriate diskette types in the TrustedCore data area | LBT | Core |
| 0xCB | Redirect Int 13h to Memory Technologies Devices such as ROM, RAM, PCMCIA, and serial disk (PICO BIOS). | LBT | Core |
| 0xCD | Remap I/O and memory address space for PCMCIA (PICO BIOS). | LBT | Core |
| 0x90 | Initialize hard-disk controller. If the CMOS ram is valid and intact, and fixed disks are defined, call the fixed disk init routine to initialize the fixed disk system and take over the appropriate interrupt vectors. | LBT | Core |
| 0x8B | Setup interrupt vector and present bit in Equipment byte. | LBT | Core |
| 0x95 | 1. Check CMOS for CD-ROM drive present<br>2. Activate the drive by checking for media present<br>3. Check sector 11h (17) for Boot Record Volume Descriptor<br>4. Check the boot catalog for validity<br>5. Pick a boot entry<br>6. Create a Specification Packet | LBT | Core |
| 0x92 | Jump to UserPatch2. | LBT | Core |
| 0xB6 | If password on boot is enabled, a call is made to Setup to check password. If the user does not enter a valid password, Setup does not return. | LBT | Core |
| 0x98 | Search for option ROMs. Rom scan the area from C800h for a length of BCP_ROM_Scan_Size (or to E000h by default) on every 2K boundary, looking for add on cards that need initialization. | LBT | Core |
| 0x93 | Build the MPTABLE for multi-processor boards | LBT | Core |

| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0xD9 | IPMI late init | LBT | Core |
| 0x9C | Set up Power Management. Initiate power -management state machine. | LBT | Core |
| 0xC7 | Late note dock init | LBT | Core |
| 0x9E | Enable hardware interrupts | LBT | Core |
| 0xA0 | Setup time tick for current date/time | LBT | Core |
| 0xA2 | Setup Numlock indicator. Display a message if key switch is locked. | LBT | Core |
| 0xA4 | Initialize typematic rate | LBT | Core |
| 0xDB | StrongROM Test | LBT | Core |
| 0xE2 | OEM security key test | LBT | Core |
| 0xC2 | Write PEM errors. | LBT | Core |
| 0xBA | Initialize the SMBIOS header and sub-structures. | LBT | Core |
| 0xC3 | Display PEM errors. | LBT | Core |
| 0xA8 | Overwrite the "Press F2 for Setup" prompt with spaces, erasing it from the screen. | LBT | Core |
| 0xAA | Scan the key buffer to see if the F2 key was struck after keyboard interrupts were enabled. If an F2 keystroke is found, set a flag. | LBT | Core |
| 0xE1 | Start Periodic Timer (TC Subscribe) | LBT | Core |
| 0xAC | Check if "Enter SETUP" is pressed. | LBT | Core |
| 0x8F | Count the number of ATA drives in the system and update the number in bdaFdiskcount. | LBT | Core |
| 0x91 | Configure the local bus IDE timing register based on the drives attached to it. | LBT | Core |
| 0x9F | Check the total number of Fast Disks (ATA and SCSI) and update the bdaFdiskCount. | LBT | Core |
| 0xD7 | Check if FirstWare HPA exists | LBT | Core |
| 0xAE | Clear ConfigFailedBit and InPostBit in CMOS. | LBT | Core |
| 0xB0 | Check for errors and decide if needs to run Setup. | LBT | Core |
| 0xB2 | Change status bits in CMOS and/or the TrustedCore data area to reflect the fact that POST is complete. | LBT | Core |
| 0xB5 | Fade out OEM Logo or post string | LBT | Core |
| 0xC5 | End hotkey detection (Server BIOS) | LBT | Core 16 |
| 0xBE | If BCP option is enabled, clear the screen before booting. | LBT | Core |
| 0xB6 | If password on boot is enabled, a call is made to Setup to check password. If the user does not enter a valid password, Setup does not return. | LBT | Core |
| 0xBC | Clear parity-error latch | LBT | Core |
| 0xB7 | Initialize ACPI BIOS. | LBT | Core |
| 0x9B | Enable CPU management (Geyserville I) | LBT | Core |
| 0xBD | Display Boot First menu if MultiBoot is installed and hotkey pressed. | LBT | Core |
| 0xBF | Check virus and backup reminders. | LBT | Core |
| 0x97 | Create pointer to MP table in Extended BDA. | LBT | Core |

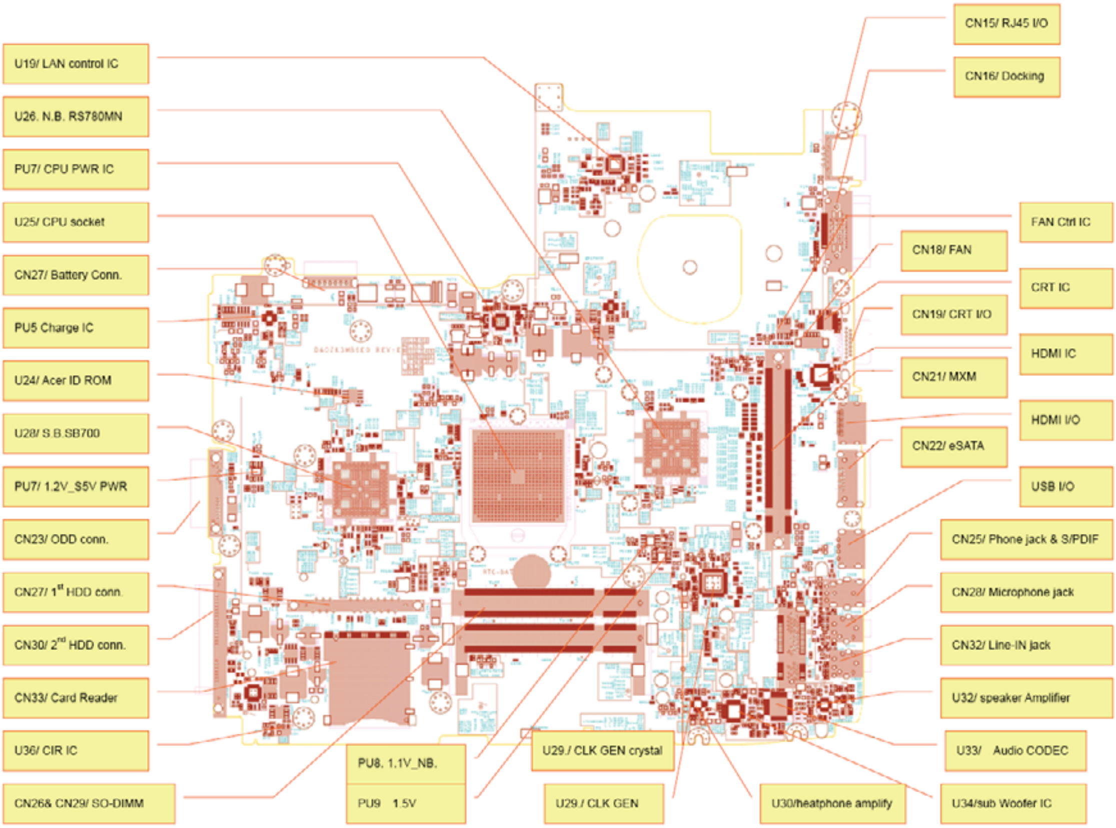
| POST Code | Function | Phase | Component |
|---|---|---|---|
| 0x99 | Check support status for Self-Monitoring Analysis Reporting Technology (disk-failure warning). | LBT | Core |
| 0xB1 | Unload ROM Pilot | LBT | Core |
| 0xDD | Perform remote flash if requested | LBT | Core |
| 0xC7 | If UCR redirection is installed, remove display manager and unhook INT10 | LBT | Core |
| 0XDF | Shutdown the PXE UNDI code | LBT | Core |
| 0xB3 | Store enhanced CMOS values in non-volatile area | LBT | Core |
| 0xE4 | Last Legacy BIOS Task before hand off to UEFI/DXE | LBT | Core |
| 0xB9 | Clear all screen graphics before booting. | bootLegacy | Core |
| 0xC0 | INT19 entry for legacy boot | bootLegacy | Core |
| 0xEF | Invalid AP # | SDXE | Core |
| 0xEF | Non-Yohna and non-Modem class CPU found for SDXE (getTSCFreq) | SDXE | Core |
| 0xEE | AP cannot synch BSP in SDXE (syncWithBSP) | SDXE | Core |
| 0xEE | BSP cannot synch w/ AP in SDXE (syncWithAP) | SDXE | Core |

# Jumper and Connector Locations

## Top View



# Bottom View



U19/ LAN control IC
U26. N.B. RS780MN
PU7/ CPU PWR IC
U25/ CPU socket
CN27/ Battery Conn.
PU5 Charge IC
U24/ Acer ID ROM
U28/ S.B.SB700
PU7/ 1.2V_S5V PWR
CN23/ ODD conn.
CN27/ 1st HDD conn.
CN30/ 2nd HDD conn.
CN33/ Card Reader
U36/ CIR IC
CN26& CN29/ SO-DIMM
PU8. 1.1V_NB.
PU9 1.5V
U29./ CLK GEN crystal
U29./ CLK GEN
U30/heatphone amplify
U34/sub Woofer IC
U33/ Audio CODEC
U32/ speaker Amplifier
CN32/ Line-IN jack
CN28/ Microphone jack
CN25/ Phone jack & S/PDIF
USB I/O
CN22/ eSATA
HDMI I/O
CN21/ MXM
HDMI IC
CN19/ CRT I/O
CRT IC
CN18/ FAN
FAN Ctrl IC
CN16/ Docking
CN15/ RJ45 I/O

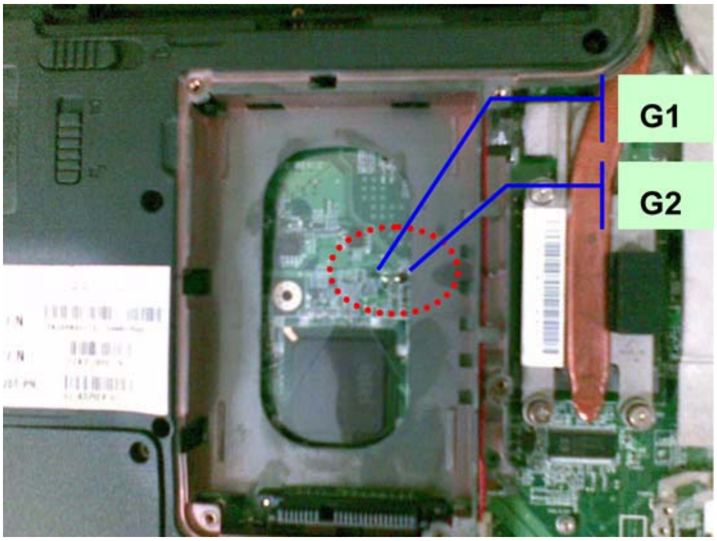
# Clearing Password Check and BIOS Recovery

This section provide you the standard operating procedures of clearing password and BIOS recovery for Aspire 6530. Aspire 6530 provide one Hardware Open Gap on main board for clearing password check, and one Hotkey for enabling BIOS Recovery.

## Clearing Password Check

### Hardware Open Gap Description

| Item | Description | Location |
|---|---|---|
| G1 and G2 | Clear CMOS Jumper | HDD bay |




### Steps for Clearing BIOS Password Check

If users set BIOS Password (Supervisor Password and/or User Password) for a security reason, BIOS will ask the password during systems POST or when systems enter to BIOS Setup menu. However, once it is necessary to bypass the password check, users need to short the HW Gap to clear the password by the following steps:

- Power Off a system, and remove HDD, AC and Battery from the machine.
- Open the back cover of the machine, and find out the HW Gap on M/B as picture.
- Use an electric conductivity tool to short the two points of the HW Gap.
- Plug in AC, keep the short condition on the HW Gap, and press Power Button to power on the system till BIOS POST finish. Then remove the tool from the HW Gap.
- Restart system. Press F2 key to enter BIOS Setup menu.
- If there is no Password request, BIOS Password is cleared. Otherwise, please follow the steps and try again.

**NOTE:** The steps are only for clearing BIOS Password (Supervisor Password and User Password).

# BIOS Recovery by Crisis Disk

## BIOS Recovery Boot Block:

BIOS Recovery Boot Block is a special block of BIOS. It is used to boot up the system with minimum BIOS initialization. Users can enable this feature to restore the BIOS firmware to a successful one once the previous BIOS flashing process failed.

## BIOS Recovery Hotkey:

The system provides a function hotkey: **Fn+Esc**, for enable BIOS Recovery process when system is powered on during BIOS POST. To use this function, it is strongly recommended to have the AC adapter and Battery present. If this function is enabled, the system will force the BIOS to enter a special BIOS block, called Boot Block.

## Steps for BIOS Recovery by Crisis Disk:

Before doing this, one Crisis Disk should be prepared ready in hand. The Crisis Disk could be made by executing the Crisis Disk program in another system with Windows XP OS.

Follow the steps below:

1. Power Off failed system.
2. Attach a USB floppy drive to the failed system.
3. Insert the Crisis Disk in to the USB floppy drive attached to the BIOS flash failed system.
4. In the power-off state, press and hold **Fn+Esc** then press the Power button.

   The system powers on and the Crisis BIOS Recovery process begins.

   BIOS Boot Block begins restoring the BIOS code from the Crisis floppy disk to BIOS ROM on the failed systems.

   When the Crisis flash process is finished, the system restarts with a workable BIOS.
5. Update to the latest version BIOS for the system using the regular BIOS flashing process.

# FRU (Field Replaceable Unit) List

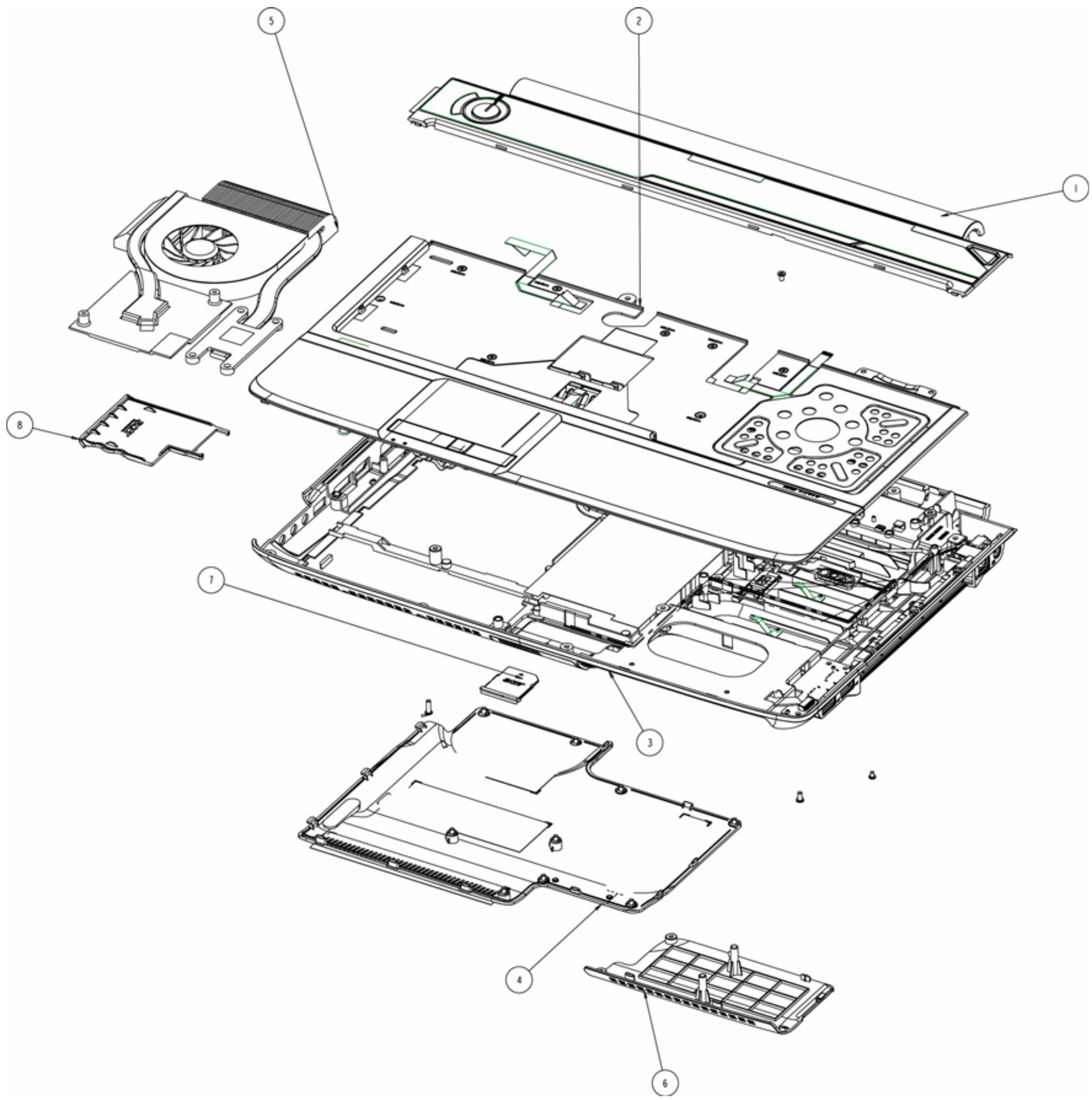
This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of Aspire 6530. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will not be noted on the printed Service Guide. For ACER AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code from those given in the FRU list of this printed Service Guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

**NOTE:** To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by your regional Acer office on how to return it.

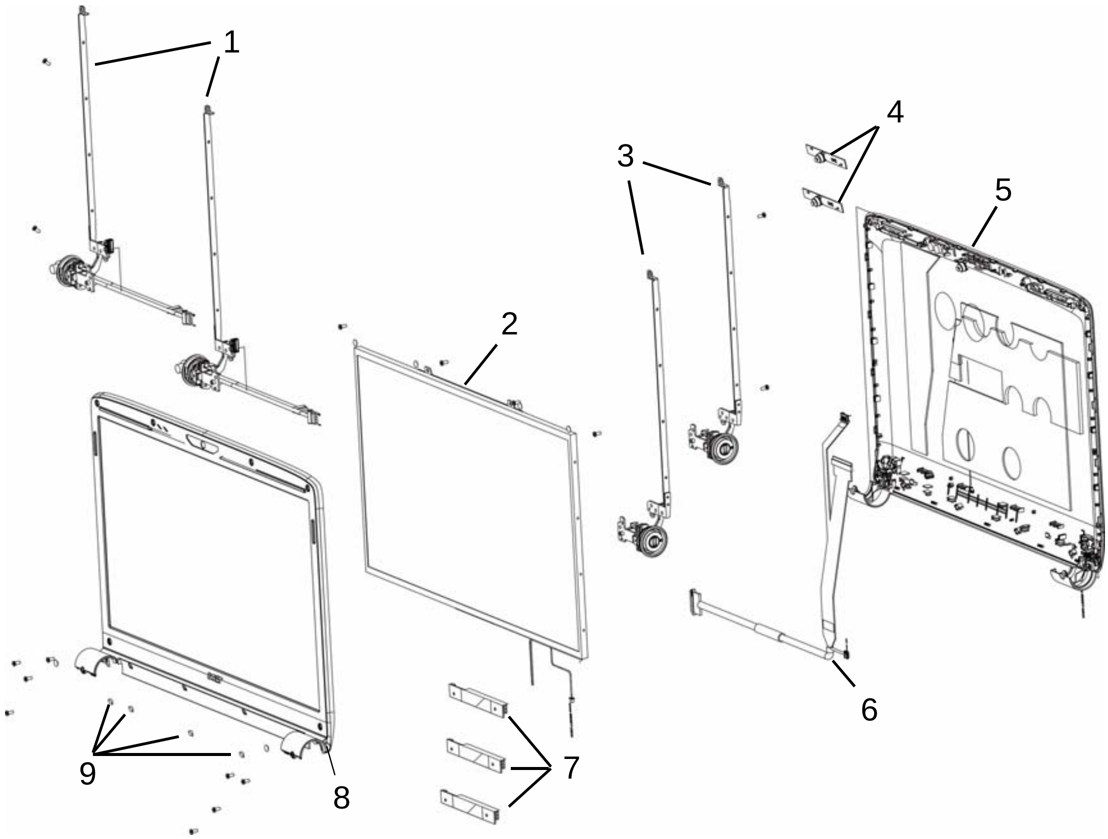
# Aspire 6530 Exploded Diagrams

## Main Module



| Item | Description | Part No. | Item | Description | Part No. |
|---|---|---|---|---|---|
| 1 | Middle Cover | 42.ASR07.001 | 5 | Thermal Unit | 60.AVB07.003 |
| 2 | Upper Case Assy | 60.AVB07.001 | 6 | HDD2 Cover | 42.AVB07.001 |
| 3 | Lower Case Assy | 60.AVL07.001 | 7 | SD Dummy | TBD |
| 4 | Base Cover | 42.ASR07.002 | 8 | ExpressCard Dummy | 42.ASR07.003 |

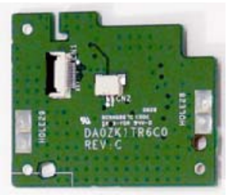
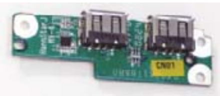
## LCD Module




| Item | Description | Part No. | Item | Description | Part No. |
|---|---|---|---|---|---|
| 1 | Left Bracket | 33.ASR07.005 | 6 | LCD Cable | 50.ASR07.002 |
| 2 | LCD Panel | LK.16006.001 | 7 | Inverter | 19.ASR07.001 |
| 3 | Right Bracket | 33.ASR07.004 | 8 | LCD Bezel | 60.ASR07.005 |
| 4 | Camera | 57.ARE07.001 | 9 | Screw Cap | 47.ASR07.002 |
| 5 | LCD Assy | 60.AVB07.002 | | | |

# Aspire 6530 FRU List

| Category | Description | Acer Part No. |
|---|---|---|
| **Adapter** | | |
| | ADAPTER 65W 3PIN DELTA SADP-65KB DFA | AP.06501.013 |
| | ADAPTER 65W LITEON PA-1650-02AC LF | AP.06503.016 |
| | ADAPTER 65W 3PIN HIPRO AC-OK065B13 | AP.0650A.010 |
| | Adapter DELTA 65W SADP-65KB BFJA LV4 LF for OBL | AP.06501.014 |
| | ADAPTER DELTA 90W ADP-90SB BBEA LF | AP.09001.013 |
| | ADAPTER LITE-ON 90W 19V BLUE PA-1900-24AR LED LF | AP.09003.011 |
| | ADAPTER HIPRO 90W 19V BLUE HP-OL093B13P LED LF LEVEL 4 | AP.0900A.001 |
| | Adapter DELTA 90W ADP-90SB BBEN (for OBL Spec.) LV4 LF | AP.09001.014 |
| **Battery** | | |
|  | Battery SANYO AS-2007B Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type | BT.00603.042 |
| | Battery SONY AS-2007B Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type | BT.00604.025 |
| | Battery PANASONIC AS-2007B Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS | BT.00605.021 |
| | Battery SIMPLO AS-2007B Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS | BT.00607.016 |
| | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON | BT.00803.024 |
| | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON | BT.00804.020 |
| | Battery PANASONIC AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON | BT.00805.011 |
| **Board** | | |
|  | Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.04 | FX.22500.025 |
| | MODEM BOARD T60M955.02 | 54.AGW07.001 |
| | Lite-On Conexant -Unizion 1.5_3.3v AUS RD02-D330 B85247600G | FX.22500.021 |
|  | BLUETOOTH MODULE (T60H928.11) | BT.21100.005 |
|  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361 | KI.SPM01.003 |

| Category | Description | Acer Part No. |
|---|---|---|
|  | MSI VGA Card nVidia NB9M-GS DDRII 256M 400MHz 32*16 MXM I w/ HDCP w/ Intersil PowerIC | VG.9MG06.001 |
| | Yuan VGA Card nVidia NB9M-GS DDRII 256M 400MHz 32*16 MXM I w/ HDCP w/ Intersil PowerIC | VG.9MG0Y.001 |
| | MSI VGA Card nVidia NB9P-GE2 DDRII 512M 400MHz 32*16 MXM II w/ HDCP w/ MPS PowerIC | VG.9PG06.003 |
| | Yuan VGA Card nVidia NB9P-GE2 DDRII 512M 400MHz 32*16 MXM II w/ HDCP w/ MPS PowerIC | VG.9PG0Y.004 |
| | MSI VGA Card nVidia NB9P-GS GDDRIII 512M 800MHz 32*32 MXM II w/ HDCP w/ Intersil PowerIC w/DP support Ver. A3 | VG.9PG06.006 |
| | Yuan VGA Card nVidia NB9P-GS GDDRIII 512M 800MHz 32*32 MXM II w/ HDCP w/ MPS PowerIC w/DP support Ver. A3 | VG.9PG0Y.005 |
|  | TOUCHPAD BOARD W/FP | 55.AVB07.001 |
|  | TOUCHPAD BOARD W/O FP | 55.ASR07.001 |
|  | POWER BOARD | 55.ASR07.002 |
|  | USB BOARD | 55.ASR07.003 |
| **Cable** | | |
| | PWR CORD V943B30001218008 DANISH 3P | 27.A03V7.006 |
| | PWR CORD(ISR)1.8M 3PBLK FZ0I0008-038 | 27.TATV7.005 |
| | PWR CORD V50CB3T3012180QD TW-110V,3P | 27.A99V7.002 |
| | POWER CORD(SWI)1.8M 3PBLACK FZ010008-011 | 27.A99V7.004 |
| | POWER CORD(IT) 1.8M 3PBLACK FZ010008-008 | 27.A99V7.005 |
| | POWER CORD(S.A) 1.8M 3BLACK FZ010008-006 | 27.T48V7.001 |
| | POWER CORD US 3PIN ROHS | 27.TAXV7.001 |
| | POWER CORD(EU) 1.8M 3PBLACK FM010008-010 | 27.TATV7.001 |
| | POWER CORD(UK) 1.8M 3PBLACK FP010008-013 | 27.TATV7.003 |
|  | BLUETOOTH CABLE | 50.ASR07.001 |
| **Case/Cover/Bracket Assembly** | | |
|  | MIDDLE COVER W/MMB BOARD, EKEY BOARD | 42.ASR07.001 |

| Category | Description | Acer Part No. |
|---|---|---|
|  | UPPER CASE ASSY W/FFC, TP FOR FP | 60.AVB07.001 |
| | UPPER CASE ASSY W/FFC, TP FOR NON FP | 60.ASR07.001 |
|  | LOWER CASE ASSY W/SPEAKER,SUB-WOOFER,RJ11, USB/TV CABLE FOR TV | 60.AVL07.001 |
| | LOWER CASE ASSY W/SPEAKER,SUB-WOOFER,RJ12, USB CABLE FOR NON TV | 60.ASR07.002 |
| | LOWER CASE ASSY W/SPEAKER,SUB-WOOFER,RJ11, USB/TV CABLE FOR TV W/O E SATA | 60.ASR07.003 |
| | LOWER CASE ASSY W/SPEAKER,SUB-WOOFER,RJ12, USB CABLE FOR NON TV W/O E SATA | 60.ASR07.004 |
|  | BASE COVER | 42.ASR07.002 |
|  | DUMMY EXPRESS CARD | 42.ASR07.003 |
|  | MINI CARD BRACKET | 42.ASR07.004 |
| | VGA SUPPORT BRACKET | 33.AHS07.007 |
| CPU/Processor | | |
|  | CPU Intel Core2Dual P8400 PGA 2.26G 3M 1066 25W | KC.84001.DPP |
| | CPU Intel Core2Dual P8600 PGA 2.4G 1066 25W 3M | KC.86001.DPP |
| | CPU Intel Core2Dual T9400 PGA 2.53G 6M 1066 35W | KC.94001.DTP |
| | CPU INTEL CORE2DUAL P9500 PGA 2.53G 6M 1066 25W | KC.95001.DPP |
| | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W | KC.96001.DTP |
| **Multi Drive** | | |
|  | DVD/RW SUPER MULTI SATA MODULE | 6M.ASR07.001 |
| | PIONEER Super-Multi DRIVE Tray DL 8X DVR-TD08RS LF W/O bezel SATA | KU.00805.044 |
| | HLDS Super-Multi DRIVE Tray DL 8X GSA-T50N LF W/O bezel SATA Malaysia | KU.0080D.034 |
| | ODD HLDS Super-Multi DRIVE Tray DL 8X GSA-T50N LF W/O bezel SATA FW:RP05 | KU.0080D.029 |
| | ODD SONY Super-Multi DRIVE Tray DL 8X AD-7560S LF W/O bezel SATA | KU.0080E.009 |
| | ODD PLDS Super-Multi DRIVE Tray DL 8X DS-8A2S LF W/O bezel SATA | KU.0080F.001 |

| Category | Description | Acer Part No. |
| --- | --- | --- |
|  | ODD BEZEL - SUPER MULTI | 42.ASR07.005 |
|  | OPTICAL BRACKET | 33.ASR07.001 |
| **Combo Drive** | | |
|  | BLUE RAY COMBO MODULE | 6M.ASR07.002 |
| | BLUE RAY COMBO TRAY 2X SONY BC-5500S-AR | KO.0020E.002 |
|  | ODD BEZEL - BLUE RAY | 42.ASR07.006 |
|  | OPTICAL BRACKET | 33.ASR07.001 |

| Category | Description | Acer Part No. |
|---|---|---|
| **HDD** | | |
|  | HDD SEAGATE 2.5" 5400rpm 120GB ST9120817AS Corsair SATA LF F/W:3.AAA | KH.12001.032 |
| | HDD TOSHIBA 2.5" 5400rpm 120GB MK1252GSX Virgo BS SATA LF F/W:LV010J | KH.12004.008 |
| | HDD HGST 2.5" 5400rpm 120GB HTS543212L9A300 Falcon-B SATA LF F/W:C40C | KH.12007.016 |
| | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303 | KH.16001.034 |
| | HDD TOSHIBA 2.5" 5400rpm 160GB MK1652GSX Virgo - BS SATA LF F/W:LV010J | KH.16004.003 |
| | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C | KH.16007.019 |
| | HDD SEAGATE 2.5" 5400rpm 250GB ST9250827AS Corsair SATA LF F/W:3.AAA | KH.25001.011 |
| | HDD TOSHIBA 2.5" 5400rpm 250GB MK2552GSX Virgo BS SATA LF F/W:LV010J | KH.25004.002 |
| | HDD HGST 2.5" 5400rpm 250GB HTS543225L9A300 Falcon-B SATA LF F/W:C40C | KH.25007.013 |
| | HDD WD 2.5 IN. 5400rpm 250GB WD2500BEVS-22UST0 ML125 SATA LF F/W:01.01A01 | KH.25008.018 |
| | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303 | KH.32001.008 |
| | HDD TOSHIBA 2.5" 5400rpm 320GB MK3252GSX Virgo BS SATA LF F/W:LV010J | KH.32004.001 |
| | HDD HGST 2.5" 5400rpm 320GB HTS543232L9A300 Falcon-B SATA LF F/W:C40C | KH.32007.004 |
| | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11 | KH.32008.013 |
|  | HDD BRACKET ASSY | 33.ASR07.002 |
|  | HDD CONNECTOR | 20.TPK07.001 |

| Category | Description | Acer Part No. |
|---|---|---|
|  | 2nd HDD BRACKET | 33.ASR07.003 |
|  | 2nd HDD COVER FOR 2nd HDD SKU | 42.AVB07.001 |
| | 2nd HDD COVER FOR NON 2nd HDD SKU | 42.ASR07.007 |
| **Keyboard** | | |
|  | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black US International (glossy) | KB.INT00.297 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black US International Hebrew (glossy) | KB.INT00.298 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black UK (glossy) | KB.INT00.299 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Turkish (glossy) | KB.INT00.300 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Thailand (glossy) | KB.INT00.301 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Swiss/G (glossy) | KB.INT00.302 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Swedish (glossy) | KB.INT00.303 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Spanish (glossy) | KB.INT00.304 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Slovak (glossy) | KB.INT00.305 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black SLO/CRO (glossy) | KB.INT00.306 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Russian (glossy) | KB.INT00.307 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Portuguese (glossy) | KB.INT00.308 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Polish (glossy) | KB.INT00.309 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Norwegian (glossy) | KB.INT00.310 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Korean (glossy) | KB.INT00.312 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 109KS Black Japanese (glossy) | KB.INT00.313 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Italian (glossy) | KB.INT00.314 |

| Category | Description | Acer Part No. |
|---|---|---|
|  | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Hungarian (glossy) | KB.INT00.317 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Greek (glossy) | KB.INT00.318 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black German (glossy) | KB.INT00.319 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black French (glossy) | KB.INT00.320 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Danish (glossy) | KB.INT00.323 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Czech (glossy) | KB.INT00.324 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Traditional Chinese (glossy) | KB.INT00.325 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Canadian French (glossy) | KB.INT00.326 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Brazilian Portuguese (glossy) | KB.INT00.327 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Belgium (glossy) | KB.INT00.328 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Arabic/English (glossy) | KB.INT00.329 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Arabic/French (glossy) | KB.INT00.330 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Nordic (glossy) | KB.INT00.331 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Luxembourgian (glossy) | KB.INT00.311 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 105KS Black Israel (glossy) | KB.INT00.315 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Irish (glossy) | KB.INT00.316 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Finnish (glossy) | KB.INT00.321 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black Dutch (glossy) | KB.INT00.322 |
| | Keyboard 17_18KB-FV1 Teton Internal Standard 106KS Black English/Canadian French (glossy) | KB.INT00.332 |
| **LCD** | | |
|  | LCD MODULE 16 IN. WXGA W/CCD WLAN UMA | 6M.ASR07.003 |
| | LCD SAMSUNG 16" WXGA Glare LTN160AT01-A01 LF 220nit 8ms 600:1 60%, 16:9 | LK.16006.001 |
| | LCD SAMSUNG 16" WXGA Glare LTN160AT01-A02 LF 220nit 8ms | LK.16006.003 |
|  | INVERTER BOARD | 19.ASR07.001 |
|  | LCD CABLE | 50.ASR07.002 |

| Category | Description | Acer Part No. |
|---|---|---|
| | LCD COVER ASSY IMR W/BACKLIGHT MIC ANTENNA | 60.AVB07.002 |
|  | LCD BEZEL 16 IN. FOR CCD | 60.ASR07.005 |
|  | LCD HINGE- R 16 IN. | 33.ASR07.004 |
|  | LCD HINGE- L 16 IN. FOR UMA | 33.ASR07.005 |
|  | CCD MODULE 0.3M | 57.ARE07.001 |
| | CCD MODULE 0.3M BN30V4O7-030 | 57.ASR07.001 |
|  | LCD MODULE 16 IN. WXGA W/CCD WLAN MXM | 6M.AVB07.001 |
| | LCD SAMSUNG 16" WUXGA Glare LTN160HT01-A02 LF 250nit 8ms | LK.16006.004 |
|  | INVERTER BOARD | 19.ASR07.001 |
|  | LCD CABLE | 50.ASR07.002 |
| | LCD COVER ASSY IMR W/BACKLIGHT MIC ANTENNA | 60.AVB07.002 |
|  | LCD BEZEL 16 IN. FOR CCD | 60.ASR07.005 |
|  | LCD HINGE- R 16 IN. | 33.ASR07.004 |
|  | LCD HINGE- L 16 IN. FOR MXM | 33.AVB07.001 |
|  | CCD MODULE 0.3M | 57.ARE07.001 |
| | CCD MODULE 0.3M BN30V4O7-030 | 57.ASR07.001 |
|  | LCD MODULE 16 IN. WXGA W/CCD WLAN FOR NON BEZEL | 6M.AVL07.001 |
| | LCD SAMSUNG 16" WXGA+ None Glare LTN160AT01-1 LF 220nit 8ms 600:1 | LK.16006.005 |
|  | INVERTER BOARD | 19.ASR07.001 |
|  | LCD CABLE 16 IN. FOR NON BEZEL | 50.AVL07.001 |

| Category | Description | Acer Part No. |
|---|---|---|
| | LCD COVER ASSY IMR W/BACKLIGHT MIC ANTENNA FOR NON BEZEL | 60.AVL07.002 |
|  | LCD BEZEL W/FILM 16 IN. FOR CCD | 60.AVL07.003 |
|  | LCD HINGE- R 16 IN. FOR NON BEZEL | 33.AVL07.001 |
|  | LCD HINGE- L 16 IN. FOR NON BEZEL | 33.AVL07.002 |
| | LCD HINGE COVER | 42.AVL07.001 |
|  | CCD MODULE 0.3M | 57.ARE07.001 |
| | CCD MODULE 0.3M BN30V4O7-030 | 57.ASR07.001 |
| **Mainboard** | | |
|  | MAINBOARD GM45 ICH9 UMA W/CARD READER, EXPRESS CARD W/O CPU RAM | MB.ASR06.001 |
| | MAINBOARD PM45 ICH9 DIS W/CARD READER, EXPRESS CARD W/O CPU RAM | MB.ASR06.002 |
| **Memory** | | |
|  | Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864QZ3-CE6 LF | KN.1GB0B.016 |
| | Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF | KN.1GB0G.012 |
| | Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667E1 LF | KN.2GB04.001 |
| | Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663QZ3-CE6 LF | KN.2GB0B.003 |
| | MEMORY HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF | KN.2GB0G.004 |
| | Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF | KN.2GB03.011 |
| | Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6ACUA-6E-E LF 64*16 0.065um | KN.1GB09.008 |
| | Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8ACUA-6E-E LF | KN.2GB09.001 |
| **Heatsink** | | |
|  | THERMAL MODULE - DIS | 60.AVB07.003 |
| | THERMAL MODULE - UMA | 60.ASR07.006 |

| Category | Description | Acer Part No. |
| --- | --- | --- |
| **Miscellaneous** | | |
| | NAME PLATE - AS6930 | 47.ASR07.001 |
| | LCD BEZEL RUBBER | 47.ASR07.002 |
| | RUBBER FOOT -A | 47.ASR07.003 |
| | RUBBER FOOT -C | 47.ASR07.004 |
| | RUBBER FOOT - REAR | 47.ASR07.005 |

# Screw List

| Category | Description | Acer Part No. |
| --- | --- | --- |
| SCREW | M2.5*6.5-I (BZN(NYLOK-RED) | 86.ARE07.001 |
| SCREW | M2.0*3.0-I (BKAG)(NYLOK) IRON | 86.ARE07.002 |
| SCREW | M2.0*3.0-I-NI-NYLOK | 86.A08V7.005 |
| SCREW | M3*0.5+3.5I | 86.TDY07.003 |
| SCREW | M2.5*5.0-I (NI) | 86.ARE07.004 |
| SCREW | M2.5*2.5-I (NI) (NYLOK) | 86.T25V7.010 |
| SCREW | M2.5*4.0-I (NI) (NYLOK) | 86.D01V7.001 |
| SCREW | M2.5*5-I (BNI) (NYLOK) | 86.A03V7.003 |
| SCREW | M2.5*8-I BNI NYLOK | 86.T48V7.001 |

### Screw List

| Category | Description | Acer P/N |
| --- | --- | --- |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |
| SCREW | | |

# Model Definition and Configuration

## Aspire 6530 Series

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530-402G12Mi | WW | WW | S2.AUQ0Y.001 | AS6530-402G12Mi VHB32AWW1 MC UMACO 2*1G/120/BT/6L/ CB_bg_0.3D_HG_EN11 |
| AS6530-702G25Mn | PA | ACLA-Spanish | LX.AUQ0X.003 | AS6530-702G25Mn EM VHP32ATEA3 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_ES22 |
| AS6530-702G25Mn | PA | ACLA-Portuguese | LX.AUQ0X.015 | AS6530-702G25Mn EM VHP32ATXC2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_XC21 |
| AS6530-702G25Mn | PA | Canada | LX.AUQ0X.010 | AS6530-702G25Mn VHP32ATCA2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_FR35 |
| AS6530-702G25Mn | PA | Canada | LX.AUQ0X.009 | AS6530-702G25Mn VHP32ATCA2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_FR33 |
| AS6530-702G25Mn | PA | ACLA-Spanish | LX.AUQ0X.004 | AS6530-702G25Mn VHP32ATEA3 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_ES21 |
| AS6530-702G25Mn | PA | Canada | LX.AUQ0X.011 | AS6530-702G25Mn VHP32ATCA2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_FR32 |
| AS6530-702G25Mn | PA | USA | LX.AUQ0X.007 | AS6530-702G25Mn VHP32ATUS1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_EN33 |
| AS6530-702G25Mn | PA | Canada | LX.AUQ0X.012 | AS6530-702G25Mn VHP32ATCA2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_FR34 |
| AS6530-702G25Mn | PA | ACLA-Portuguese | LX.AUQ0X.005 | AS6530-702G25Mn VHP32ATXC2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_XC22 |
| AS6530-702G25Mn | PA | ACLA-Spanish | LX.AUQ0X.002 | AS6530-702G25Mn EM VHP32ATEA1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_ES22 |
| AS6530-702G25Mn | PA | ACLA-Portuguese | LX.AUQ0X.016 | AS6530-702G25Mn EM VHP32ATXC1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_XC22 |
| AS6530-702G25Mn | PA | USA | LX.AUQ0X.013 | AS6530-702G25Mn VHP32ATUS1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_EN35 |
| AS6530-702G25Mn | PA | USA | LX.AUQ0X.014 | AS6530-702G25Mn VHP32ATUS1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_EN34 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530-702G25Mn | PA | Canada | LX.AUQ0X.008 | AS6530-702G25Mn VHP32ATCA2 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_FR31 |
| AS6530-702G25Mn | PA | USA | LX.AUQ0X.006 | AS6530-702G25Mn VHP32ATUS1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_EN32 |
| AS6530-702G25Mn | PA | ACLA-Spanish | LX.AUQ0X.001 | AS6530-702G25Mn VHP32ATEA1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_ES21 |
| AS6530-702G25Mn | PA | ACLA-Portuguese | LX.AUQ0X.017 | AS6530-702G25Mn VHP32ATXC1 MC UMACO 1*2G/250/6L/ CB_bgn_0.3D_HG_XC21 |
| AS6530-602G16Mi | AAP | Japan | LX.AUQ0X.018 | AS6530-602G16Mi VHP32AJP1 MC UMACO 1*2G/160/6L/5R/ CB_bg_0.3D_HG_JA12_W6F |
| AS6530-602G16Mi | AAP | Japan | LX.AUQ0X.019 | AS6530-602G16Mi VHP32AJP1 MC UMACO 1*2G/160/6L/5R/ CB_bg_0.3D_HG_JA11_H6A |
| AS6530-603G25Mn | PA | Canada | LX.AUQ0X.022 | AS6530-603G25Mn VHP32ATCA2 MC UMACO 2G+1G/250/6L/ CB_bgn_0.3D_HG_FR31 |
| AS6530-604G16Mn | PA | Canada | LX.AUQ0X.023 | AS6530-604G16Mn VHP32ACA2 MC UMACO 2*2G/160/6L/ CB_bgn_0.3D_HG_FR31 |
| AS6530-601G16Mn | TWN | GCTWN | LX.AUQ0Y.003 | AS6530-601G16Mn VHB32ATTW1 MC UMACO 1*1G/160/BT/6L/5R/ CB_bgn_0.3D_HG_TC11 |
| AS6530-703G32Mn | PA | Canada | LX.AUQ0X.026 | AS6530-703G32Mn VHP32ATCA1 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_FR11 |
| AS6530-703G32Mn | PA | Canada | LX.AUQ0X.027 | AS6530-703G32Mn VHP32ATCA2 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_FR31 |
| AS6530-703G32Mn | PA | Canada | LX.AUQ0X.028 | AS6530-703G32Mn VHP32ATCA2 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_FR33 |
| AS6530-703G32Mn | PA | Canada | LX.AUQ0X.029 | AS6530-703G32Mn VHP32ATCA2 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_FR35 |
| AS6530-703G32Mn | PA | USA | LX.AUQ0X.025 | AS6530-703G32Mn VHP32ATUS1 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN33 |
| AS6530-703G32Mn | PA | USA | LX.AUQ0X.024 | AS6530-703G32Mn VHP32ATUS1 MC UMACO 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN32 |
| AS6530-703G32Mn | PA | Canada | LX.AUQ0X.030 | AS6530-703G32Mn VHP32ATCA2 MC UMACO 2G+1G/320/6L/ CB_bgn_0.3D_HG_FR31 |
| AS6530-602G16Mn | TWN | GCTWN | LX.AUQ0Y.005 | AS6530-602G16Mn VHB32ATTW1 MC UMACO 1*2G/160/BT/6L/5R/ CB_bgn_0.3D_HG_TC11 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530-603G32Mn | PA | Canada | LX.AUQ0X.020 | AS6530-603G32Mn VHP32ATCA2 MC UMACO 2G+1G/320/6L/ CB_bgn_0.3D_HG_FR31 |
| AS6530-822G32Mi | AAP | Singapore | LX.AUQ0X.031 | AS6530-822G32Mi VHP32ATSG1 MC UMACO 1*2G/320/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-602G16Mi | AAP | Singapore | LX.AUQ0X.037 | AS6530-602G16Mi VHP32ATSG1 MC UMACO 1*2G/160/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-702G32Mi | AAP | Singapore | LX.AUQ0X.035 | AS6530-702G32Mi VHP32ATSG1 MC UMACO 1*2G/320/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-863G32Mi | AAP | Singapore | LX.AUQ0X.034 | AS6530-863G32Mi VHP32ATSG1 MC UMACO 2G+1G/320/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-823G32Mi | AAP | Singapore | LX.AUQ0X.032 | AS6530-823G32Mi VHP32ATSG1 MC UMACO 2G+1G/320/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-703G32Mi | AAP | Singapore | LX.AUQ0X.033 | AS6530-703G32Mi VHP32ATSG1 MC UMACO 2G+1G/320/6L/5R/ CB_bg_0.3D_HG_ZH31 |
| AS6530-602G16Mi | AAP | Japan | LX.AUQ0X.036 | AS6530-602G16Mi VHP32AJP1 MC UMACO 1*2G/160/6L/5R/ CB_bg_0.3D_HG_JA12 |
| AS6530-604G16Mn | PA | Canada | LX.AUQ0X.021 | AS6530-604G16Mn VHP64ATCA2 MC UMACO 2*2G/160/6L/5R/ CB_bgn_0.3D_HG_FR31 |
| AS6530-601G16Mi | CHINA | China | LX.AUQ0Y.004 | AS6530-601G16Mi VHB32ATCN1 MC UMACO 1*1G/160/6L/5R/ CB_bg_0.3D_HG_SC11 |
| AS6530-402G12Mi | CHINA | China | LX.AUQ0Y.002 | AS6530-402G12Mi VHB32ATCN1 MC UMACO 1*2G/120/6L/ CB_bg_0.3D_HG_SC11 |
| AS6530-402G12Mi | CHINA | Hong Kong | LX.AUQ0Y.001 | AS6530-402G12Mi VHB32ATHK2 MC UMACO 1*2G/120/6L/ CB_bg_0.3D_HG_ZH31 |
| AS6530-601G16Mn | CHINA | China | LX.AUQ0Y.007 | AS6530-601G16Mn VHB32ATCN1 MC UMACO 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_SC11 |
| AS6530-601G16Mn | CHINA | Hong Kong | LX.AUQ0Y.006 | AS6530-601G16Mn VHB32ATHK2 MC UMACO 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_ZH31 |
| AS6530G-804G25Mn | WW | WW | S2.ASP0X.001 | AS6530G-804G25Mn VHP32AWW1 MC 82MEXTHM256TC 2*2G/250/BT/8L/ CB_GN_DVBU/ VHF_FP_0.3D_HG_EN11 |
| AS6530G-842G32Mn | WW | WW | S2.ASP0X.002 | AS6530G-842G32Mn VHP32AWW1 MC 82MEXTHM256TCOF 2*1G/320/BT/8L/ CB_bgn_DVBT U/ VHF_FP_0.3D_HG_EN11 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G32Mn | EMEA | Spain | LX.ASP0X.001 | AS6530G-804G32Mn VHP32ATES1 MC 82MEXTHM256TCOF 2*2G/320/6L/5R/CB_bgn_DVBT U/VHF_FP_0.3D_HG_ES22 |
| AS6530G-824G64Bn | EMEA | Spain | LX.ASP0X.002 | AS6530G-824G64Bn VHP32ATES1 MC 82MEXTHM256TCOF 2*2G/320+320/6L/5R/CB_bgn_DVBT U/VHF_FP_0.3D_HG_ES22 |
| AS6530G-804G32Bn | EMEA | Spain | LX.ASP0X.003 | AS6530G-804G32Bn VHP32ATES1 MC 82MEXTHM256TCOF 2*2G/320/6L/5R/CB_bgn_DVBT U/VHF_FP_0.3D_HG_ES22 |
| AS6530G-704G64Mn | EMEA | Germany | LX.ASP0X.004 | AS6530G-704G64Mn VHP32ATDE1 MC 82MEXTHM256TCOF 2*2G/320+320/6L/5R/CB_bgn_DVBT U/VHF_FP_0.3D_HG_DE13 |
| AS6530G-824G32Bn | WW | WW | S2.ASP0X.003 | AS6530G-824G32Bn VHP32AWW1 MC 82MEXTHM256TCOF 2*2G/320/BT/8L/CB_bgn_DVBT U/VHF_FP_1.0D_HG_EN11 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.023 | AS6530G-804G64Mn VHP32ATEU1 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.022 | AS6530G-804G64Mn VHP32ATEU4 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-804G64Mn | EMEA | Czech | LX.AUS0X.026 | AS6530G-804G64Mn VHP32ATCZ2 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.025 | AS6530G-804G64Mn VHP32ATEU6 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.024 | AS6530G-804G64Mn VHP32ATEU3 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-804G64Mn | EMEA | Luxembourg | LX.AUS0X.029 | AS6530G-804G64Mn VHP32ATLU1 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-804G64Mn | EMEA | Holland | LX.AUS0X.030 | AS6530G-804G64Mn VHP32ATNL1 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_NL12 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.021 | AS6530G-804G64Mn VHP32ATEU3 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_RU21 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.037 | AS6530G-804G32Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/320/6L/CB_bgn_FP_0.3D_HG_AR13 |
| AS6530G-804G64Mn | EMEA | France | LX.AUS0X.035 | AS6530G-804G64Mn VHP32ATFR1 MC 86MEH512COF 2*2G/320+320/6L/CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G32Bn | EMEA | UK | LX.AUS0X.038 | AS6530G-804G32Bn VHP32ATGB1 MC 86MEH512COF 2*2G/320/6L/CB_bgn_FP_0.3D_HG_EN14 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G32Bn | EMEA | Switzerland | LX.AUS0X.039 | AS6530G-804G32Bn VHP32ATCH1 MC 86MEH512COF 2*2G/320/6L/ CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-804G64Mn | EMEA | Belgium | LX.AUS0X.031 | AS6530G-804G64Mn VHP32ATBE1 MC 86MEH512COF 2*2G/320+320/6L/ CB_bgn_FP_0.3D_HG_NL13 |
| AS6530G-804G64Mn | EMEA | South Africa | LX.AUS0X.033 | AS6530G-804G64Mn EM VHP32ATZA1 MC 86MEH512COF 2*2G/320+320/6L/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G64Mn | EMEA | South Africa | LX.AUS0X.036 | AS6530G-804G64Mn EM VHP32ATZA2 MC 86MEH512COF 2*2G/320+320/6L/ CB_bgn_FP_0.3D_HG_EN16 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.040 | AS6530G-804G32Bn EM VHP32ATME4 MC 86MEH512COF 2*2G/320/6L/ CB_bgn_FP_0.3D_HG_EN11 |
| AS6530G-703G25Mn | PA | USA | LX.AUS0X.114 | AS6530G-703G25Mn VHP32ATUS1 MC 86MEH512COF 2G+1G/250/6L/ CB_bgn_FP_0.3D_HG_EN35 |
| AS6530G-703G25Mn | PA | Canada | LX.AUS0X.115 | AS6530G-703G25Mn VHP32ATCA2 MC 86MEH512COF 2G+1G/250/6L/ CB_bgn_FP_0.3D_HG_FR33 |
| AS6530G-804G64Mn | EMEA | Sweden/Finland | LX.AUS0X.027 | AS6530G-804G64Mn VHP32ATSE1 MC 86MEH512COF 2*2G/320+320/6L/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-804G64Mn | EMEA | Denmark | LX.AUS0X.034 | AS6530G-804G64Mn VHP32ATDK1 MC 86MEH512COF 2*2G/320+320/6L/ CB_bgn_FP_0.3D_HG_NO13 |
| AS6530G-802G32Mn | CHINA | China | LX.AUS0X.129 | AS6530G-802G32Mn VHP32ATCN1 MC 86MEH512COF 1*2G/320/BT/8L/ 5R/CB_bgn_FP_0.3D_HG_SC11 |
| AS6530G-702G25Mn | CHINA | China | LX.AUS0X.128 | AS6530G-702G25Mn VHP32ATCN1 MC 86MEH512COF 2*1G/250/8L/5R/ CB_bgn_FP_0.3D_HG_SC11 |
| AS6530G-804G64Mn | EMEA | Norway | LX.AUS0X.017 | AS6530G-804G64Mn VHP32ATNO1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-804G64Mn | EMEA | Turkey | LX.AUS0X.011 | AS6530G-804G64Mn EM VHP32ATTR1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_TR32 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.003 | AS6530G-804G64Mn EM VHP32ATME4 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_EN11 |
| AS6530G-804G64Mn | EMEA | Switzerland | LX.AUS0X.002 | AS6530G-804G64Mn VHP32ATCH1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.007 | AS6530G-804G64Mn EM VHP32ATME9 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_FR22 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.005 | AS6530G-804G64Mn EM VHP32ATME2 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_AR23 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.004 | AS6530G-804G64Mn EM VHP32ATME6 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.010 | AS6530G-804G64Mn EM VHP32ATME3 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.009 | AS6530G-804G64Mn EM VHP32ATME2 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-804G64Mn | EMEA | Middle East | LX.AUS0X.008 | AS6530G-804G64Mn EM VHP32ATME2 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_AR13 |
| AS6530G-804G64Mn | EMEA | Italy | LX.AUS0X.012 | AS6530G-804G64Mn VHP32ATIT1 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-804G64Mn | EMEA | Israel | LX.AUS0X.006 | AS6530G-804G64Mn VHP32ATIL1 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_HE11 |
| AS6530G-804G64Mn | EMEA | Greece | LX.AUS0X.013 | AS6530G-804G64Mn VHP32ATGR1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_EL22 |
| AS6530G-804G64Mn | EMEA | Spain | LX.AUS0X.015 | AS6530G-804G64Mn VHP32ATES1 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_ES22 |
| AS6530G-804G64Mn | EMEA | Portugal | LX.AUS0X.014 | AS6530G-804G64Mn VHP32ATPT1 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_PT12 |
| AS6530G-804G64Mn | EMEA | Slovenia/Croatia | LX.AUS0X.020 | AS6530G-804G64Mn VHP32ATSI1 MC 86MEH512COF 2*2G/320+320/8L/5R/ CB_bgn_FP_0.3D_HG_EN12 |
| AS6530G-804G64Mn | EMEA | Hungary | LX.AUS0X.019 | AS6530G-804G64Mn VHP32ATHU1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_HU11 |
| AS6530G-804G64Mn | EMEA | Eastern Europe | LX.AUS0X.018 | AS6530G-804G64Mn VHP32ATEU5 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-804G64Mn | EMEA | Greece | LX.AUS0X.016 | AS6530G-804G64Mn VHP32ATGR1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-804G64Mn | EMEA | UK | LX.AUS0X.001 | AS6530G-804G64Mn VHP32ATGB1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_EN14 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.204 | AS6530G-703G32Mn VHP32ATEU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.159 | AS6530G-704G25Bn VHP32ATEU1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.187 | AS6530G-703G32Mn VHP32ATEU4 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.151 | AS6530G-704G25Bn VHP32ATEU4 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.176 | AS6530G-703G32Mn VHP32ATEU3 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU21 |
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.160 | AS6530G-704G25Bn VHP32ATEU3 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_RU21 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.177 | AS6530G-703G32Mn VHP32ATEU5 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.150 | AS6530G-704G25Bn VHP32ATEU5 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-703G32Mn | EMEA | Hungary | LX.AUS0X.178 | AS6530G-703G32Mn VHP32ATHU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_HU11 |
| AS6530G-704G25Bn | EMEA | Hungary | LX.AUS0X.161 | AS6530G-704G25Bn VHP32ATHU1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_HU11 |
| AS6530G-703G32Mn | EMEA | Slovenia/Croatia | LX.AUS0X.179 | AS6530G-703G32Mn VHP32ATSI1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN12 |
| AS6530G-704G25Bn | EMEA | Slovenia/Croatia | LX.AUS0X.149 | AS6530G-704G25Bn VHP32ATSI1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN12 |
| AS6530G-703G32Mn | EMEA | Portugal | LX.AUS0X.180 | AS6530G-703G32Mn VHP32ATPT1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_PT12 |
| AS6530G-704G25Bn | EMEA | Portugal | LX.AUS0X.162 | AS6530G-704G25Bn VHP32ATPT1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_PT12 |
| AS6530G-703G32Mn | EMEA | Spain | LX.AUS0X.175 | AS6530G-703G32Mn VHP32ATES1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_ES22 |
| AS6530G-704G25Bn | EMEA | Spain | LX.AUS0X.163 | AS6530G-704G25Bn VHP32ATES1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_ES22 |
| AS6530G-703G32Mn | EMEA | Greece | LX.AUS0X.181 | AS6530G-703G32Mn VHP32ATGR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-704G25Bn | EMEA | Greece | LX.AUS0X.164 | AS6530G-704G25Bn VHP32ATGR1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EL32 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-703G32Mn | EMEA | Greece | LX.AUS0X.174 | AS6530G-703G32Mn VHP32ATGR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EL22 |
| AS6530G-704G25Bn | EMEA | Greece | LX.AUS0X.148 | AS6530G-704G25Bn VHP32ATGR1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EL22 |
| AS6530G-703G32Mn | EMEA | Israel | LX.AUS0X.182 | AS6530G-703G32Mn VHP32ATIL1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_HE11 |
| AS6530G-704G25Bn | EMEA | Israel | LX.AUS0X.147 | AS6530G-704G25Bn VHP32ATIL1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_HE11 |
| AS6530G-703G32Mn | EMEA | Italy | LX.AUS0X.173 | AS6530G-703G32Mn VHP32ATIT1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-704G25Bn | EMEA | Italy | LX.AUS0X.146 | AS6530G-704G25Bn VHP32ATIT1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-703G32Mn | EMEA | Switzerland | LX.AUS0X.168 | AS6530G-703G32Mn VHP32ATCH1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-704G25Bn | EMEA | Switzerland | LX.AUS0X.141 | AS6530G-704G25Bn VHP32ATCH1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-703G32Mn | EMEA | UK | LX.AUS0X.167 | AS6530G-703G32Mn VHP32ATGB1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN14 |
| AS6530G-704G25Bn | EMEA | UK | LX.AUS0X.142 | AS6530G-704G25Bn VHP32ATGB1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN14 |
| AS6530G-704G25Bn | EMEA | France | LX.AUS0X.143 | AS6530G-704G25Bn VHP32ATFR1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | France | LX.AUS0X.197 | AS6530G-703G32Mn VHP32ATFR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-704G25Bn | EMEA | Germany | LX.AUS0X.133 | AS6530G-704G25Bn VHP32ATDE1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_DE13 |
| AS6530G-703G32Mn | EMEA | Germany | LX.AUS0X.193 | AS6530G-703G32Mn VHP32ATDE1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_DE13 |
| AS6530G-704G25Bn | EMEA | Belgium | LX.AUS0X.130 | AS6530G-704G25Bn VHP32ATBE1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_NL13 |
| AS6530G-703G32Mn | EMEA | Belgium | LX.AUS0X.198 | AS6530G-703G32Mn VHP32ATBE1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL13 |
| AS6530G-703G32Mn | EMEA | Holland | LX.AUS0X.192 | AS6530G-703G32Mn VHP32ATNL1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL12 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-704G25Bn | EMEA | Holland | LX.AUS0X.166 | AS6530G-704G25Bn VHP32ATNL1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_NL12 |
| AS6530G-703G32Mn | EMEA | Luxembourg | LX.AUS0X.199 | AS6530G-703G32Mn VHP32ATLU1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-704G25Bn | EMEA | Luxembourg | LX.AUS0X.165 | AS6530G-704G25Bn VHP32ATLU1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-703G32Mn | EMEA | Norway | LX.AUS0X.191 | AS6530G-703G32Mn VHP32ATNO1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-704G25Bn | EMEA | Norway | LX.AUS0X.154 | AS6530G-704G25Bn VHP32ATNO1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-703G32Mn | EMEA | Russia | LX.AUS0X.201 | AS6530G-703G32Mn VHP32ATRU1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-704G25Bn | EMEA | Russia | LX.AUS0X.155 | AS6530G-704G25Bn VHP32ATRU1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-804G64Mn | EMEA | Russia | LX.AUS0X.028 | AS6530G-804G64Mn VHP32ATRU1 MC 86MEH512COF 2*2G/320+320/N/5R/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-703G32Mn | EMEA | Sweden/Finland | LX.AUS0X.190 | AS6530G-703G32Mn VHP32ATSE1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-704G25Bn | EMEA | Sweden/Finland | LX.AUS0X.156 | AS6530G-704G25Bn VHP32ATSE1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.188 | AS6530G-703G32Mn VHP32ATEU3 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.152 | AS6530G-704G25Bn VHP32ATEU3 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-704G25Bn | EMEA | Denmark | LX.AUS0X.144 | AS6530G-704G25Bn VHP32ATDK1 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_NO13 |
| AS6530G-703G32Mn | EMEA | Denmark | LX.AUS0X.196 | AS6530G-703G32Mn VHP32ATDK1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_NO13 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.172 | AS6530G-703G32Mn EM VHP32ATME9 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_FR22 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.134 | AS6530G-704G25Bn EM VHP32ATME9 MC 86MEH512COF 2*2G/250/8L/5R/CB_bgn_FP_0.3D_HG_FR22 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.185 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_AR23 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.139 | AS6530G-704G25Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_AR23 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.170 | AS6530G-703G32Mn EM VHP32ATME6 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.138 | AS6530G-704G25Bn EM VHP32ATME6 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.186 | AS6530G-703G32Mn EM VHP32ATME3 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.137 | AS6530G-704G25Bn EM VHP32ATME3 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.171 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.136 | AS6530G-704G25Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.184 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_AR13 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.135 | AS6530G-704G25Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_AR13 |
| AS6530G-704G25Bn | EMEA | South Africa | LX.AUS0X.131 | AS6530G-704G25Bn EM VHP32ATZA2 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN16 |
| AS6530G-703G32Mn | EMEA | South Africa | LX.AUS0X.194 | AS6530G-703G32Mn EM VHP32ATZA2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN16 |
| AS6530G-704G25Bn | EMEA | South Africa | LX.AUS0X.132 | AS6530G-704G25Bn EM VHP32ATZA1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | South Africa | LX.AUS0X.195 | AS6530G-703G32Mn EM VHP32ATZA1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | Turkey | LX.AUS0X.183 | AS6530G-703G32Mn EM VHP32ATTR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_TR32 |
| AS6530G-704G25Bn | EMEA | Turkey | LX.AUS0X.145 | AS6530G-704G25Bn EM VHP32ATTR1 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_TR32 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.203 | AS6530G-703G32Mn VHP32ATEU6 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.158 | AS6530G-704G25Bn VHP32ATEU6 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-703G32Mn | EMEA | Czech | LX.AUS0X.202 | AS6530G-703G32Mn VHP32ATCZ2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-704G25Bn | EMEA | Czech | LX.AUS0X.157 | AS6530G-704G25Bn VHP32ATCZ2 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.169 | AS6530G-703G32Mn EM VHP32ATME4 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN11 |
| AS6530G-704G25Bn | EMEA | Middle East | LX.AUS0X.140 | AS6530G-704G25Bn EM VHP32ATME4 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_EN11 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.189 | AS6530G-703G32Mn VHP32ATEU7 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_ENG1 |
| AS6530G-704G25Bn | EMEA | Eastern Europe | LX.AUS0X.153 | AS6530G-704G25Bn VHP32ATEU7 MC 86MEH512COF 2*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_ENG1 |
| AS6530G-804G64Mn | EMEA | Germany | LX.AUS0X.032 | AS6530G-804G64Mn VHP32ATDE1 MC 86MEH512COF 2*2G/320+320/8L/ 5R/CB_bgn_FP_0.3D_HG_DE13 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.045 | AS6530G-804G32Bn EM VHP32ATME6 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-804G32Bn | EMEA | South Africa | LX.AUS0X.067 | AS6530G-804G32Bn EM VHP32ATZA2 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN16 |
| AS6530G-804G32Bn | EMEA | South Africa | LX.AUS0X.068 | AS6530G-804G32Bn EM VHP32ATZA1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G32Bn | EMEA | Turkey | LX.AUS0X.046 | AS6530G-804G32Bn EM VHP32ATTR1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_TR32 |
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.060 | AS6530G-804G32Bn VHP32ATEU6 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-804G32Bn | EMEA | Czech | LX.AUS0X.064 | AS6530G-804G32Bn VHP32ATCZ2 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.048 | AS6530G-804G32Bn VHP32ATEU1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.049 | AS6530G-804G32Bn VHP32ATEU4 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.050 | AS6530G-804G32Bn VHP32ATEU3 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU21 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.051 | AS6530G-804G32Bn VHP32ATEU5 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-804G32Bn | EMEA | Hungary | LX.AUS0X.052 | AS6530G-804G32Bn VHP32ATHU1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_HU11 |
| AS6530G-804G32Bn | EMEA | Slovenia/Croatia | LX.AUS0X.053 | AS6530G-804G32Bn VHP32ATSI1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN12 |
| AS6530G-804G32Bn | EMEA | Portugal | LX.AUS0X.054 | AS6530G-804G32Bn VHP32ATPT1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_PT12 |
| AS6530G-804G32Bn | EMEA | Spain | LX.AUS0X.055 | AS6530G-804G32Bn VHP32ATES1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_ES22 |
| AS6530G-804G32Bn | EMEA | Greece | LX.AUS0X.056 | AS6530G-804G32Bn VHP32ATGR1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-804G32Bn | EMEA | Greece | LX.AUS0X.057 | AS6530G-804G32Bn VHP32ATGR1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EL22 |
| AS6530G-804G32Bn | EMEA | Israel | LX.AUS0X.058 | AS6530G-804G32Bn VHP32ATIL1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_HE11 |
| AS6530G-804G32Bn | EMEA | Italy | LX.AUS0X.047 | AS6530G-804G32Bn VHP32ATIT1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-804G32Bn | EMEA | France | LX.AUS0X.070 | AS6530G-804G32Bn VHP32ATFR1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G32Bn | EMEA | Belgium | LX.AUS0X.066 | AS6530G-804G32Bn VHP32ATBE1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL13 |
| AS6530G-804G32Bn | EMEA | Luxembourg | LX.AUS0X.065 | AS6530G-804G32Bn VHP32ATLU1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-804G32Bn | EMEA | Norway | LX.AUS0X.062 | AS6530G-804G32Bn VHP32ATNO1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-804G32Bn | EMEA | Russia | LX.AUS0X.061 | AS6530G-804G32Bn VHP32ATRU1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-804G32Bn | EMEA | Sweden/Finland | LX.AUS0X.063 | AS6530G-804G32Bn VHP32ATSE1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-804G32Bn | EMEA | Eastern Europe | LX.AUS0X.059 | AS6530G-804G32Bn VHP32ATEU3 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-804G32Bn | EMEA | Denmark | LX.AUS0X.069 | AS6530G-804G32Bn VHP32ATDK1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NO13 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.043 | AS6530G-804G32Bn EM VHP32ATME9 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR22 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.041 | AS6530G-804G32Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_AR23 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.044 | AS6530G-804G32Bn EM VHP32ATME3 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-804G32Bn | EMEA | Middle East | LX.AUS0X.042 | AS6530G-804G32Bn EM VHP32ATME2 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.080 | AS6530G-703G32Mn EM VHP32ATME3 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.081 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.083 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_AR13 |
| AS6530G-703G32Mn | EMEA | South Africa | LX.AUS0X.112 | AS6530G-703G32Mn EM VHP32ATZA2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN16 |
| AS6530G-703G32Mn | EMEA | South Africa | LX.AUS0X.111 | AS6530G-703G32Mn EM VHP32ATZA1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | Turkey | LX.AUS0X.084 | AS6530G-703G32Mn EM VHP32ATTR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_TR32 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.089 | AS6530G-703G32Mn VHP32ATEU6 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-703G32Mn | EMEA | Czech | LX.AUS0X.101 | AS6530G-703G32Mn VHP32ATCZ2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.077 | AS6530G-703G32Mn EM VHP32ATME4 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN11 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.098 | AS6530G-703G32Mn VHP32ATEU7 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_ENG1 |
| AS6530G-804G32Mn | EMEA | Eastern Europe | LX.AUS0X.113 | AS6530G-804G32Mn VHP32ATEU7 MC 86MEH512COF 2*2G/320/BT/8L/ 5R/CB_bgn_FP_0.3D_HG_ENG1 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.099 | AS6530G-703G32Mn VHP32ATEU4 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.087 | AS6530G-703G32Mn VHP32ATEU3 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_RU21 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.088 | AS6530G-703G32Mn VHP32ATEU5 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-804G32Mn | EMEA | Eastern Europe | LX.AUS0X.117 | AS6530G-804G32Mn VHP32ATEU5 MC 86MEH512COF 2*2G/320/BT/8L/5R/CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-703G32Mn | EMEA | Slovenia/Croatia | LX.AUS0X.091 | AS6530G-703G32Mn VHP32ATSI1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_EN12 |
| AS6530G-703G32Mn | EMEA | Portugal | LX.AUS0X.085 | AS6530G-703G32Mn VHP32ATPT1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_PT12 |
| AS6530G-703G32Mn | EMEA | Spain | LX.AUS0X.092 | AS6530G-703G32Mn VHP32ATES1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_ES22 |
| AS6530G-703G32Mn | EMEA | Greece | LX.AUS0X.095 | AS6530G-703G32Mn VHP32ATGR1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-864G32Bn | EMEA | Greece | LX.AUS0X.121 | AS6530G-864G32Bn VHP32ATGR1 MC 86MEH512COF 2*2G/320/BT/8L/5R/CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-804G32Bn | EMEA | Greece | LX.AUS0X.123 | AS6530G-804G32Bn VHP32ATGR1 MC 86MEH512COF 2*2G/320/BT/8L/5R/CB_bgn_FP_0.3D_HG_EL32 |
| AS6530G-703G32Mn | EMEA | Greece | LX.AUS0X.096 | AS6530G-703G32Mn VHP32ATGR1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_EL22 |
| AS6530G-703G32Mn | EMEA | Israel | LX.AUS0X.094 | AS6530G-703G32Mn VHP32ATIL1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_HE11 |
| AS6530G-703G32Mn | EMEA | Italy | LX.AUS0X.093 | AS6530G-703G32Mn VHP32ATIT1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-864G32Bn | EMEA | Italy | LX.AUS0X.120 | AS6530G-864G32Bn VHP32ATIT1 MC 86MEH512COF 2*2G/320/BT/8L/5R/CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-804G32Bn | EMEA | Italy | LX.AUS0X.122 | AS6530G-804G32Bn VHP32ATIT1 MC 86MEH512COF 2*2G/320/BT/8L/5R/CB_bgn_FP_0.3D_HG_IT12 |
| AS6530G-703G32Mn | EMEA | Switzerland | LX.AUS0X.076 | AS6530G-703G32Mn VHP32ATCH1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-703G32Mn | EMEA | UK | LX.AUS0X.075 | AS6530G-703G32Mn VHP32ATGB1 MC 86MEH512COF 2G+1G/320/8L/5R/CB_bgn_FP_0.3D_HG_EN14 |
| AS6530G-703G25Mn | EMEA | France | LX.AUS0X.116 | AS6530G-703G25Mn VHP32ATFR1 MC 86MEH512COF 2G+1G/250/8L/5R/CB_bgn_FP_0.3D_HG_FR23 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-703G32Mn | EMEA | France | LX.AUS0X.108 | AS6530G-703G32Mn VHP32ATFR1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR23 |
| AS6530G-703G32Mn | EMEA | Germany | LX.AUS0X.109 | AS6530G-703G32Mn VHP32ATDE1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_DE13 |
| AS6530G-804G32Bn | EMEA | Germany | LX.AUS0X.071 | AS6530G-804G32Bn VHP32ATDE1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_DE13 |
| AS6530G-703G32Mn | EMEA | Belgium | LX.AUS0X.105 | AS6530G-703G32Mn VHP32ATBE1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL13 |
| AS6530G-703G32Mn | EMEA | Holland | LX.AUS0X.104 | AS6530G-703G32Mn VHP32ATNL1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL12 |
| AS6530G-804G32Bn | EMEA | Holland | LX.AUS0X.072 | AS6530G-804G32Bn VHP32ATNL1 MC 86MEH512COF 2*2G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NL12 |
| AS6530G-703G32Mn | EMEA | Luxembourg | LX.AUS0X.106 | AS6530G-703G32Mn VHP32ATLU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_IT42 |
| AS6530G-824G32Bn | EMEA | Norway | LX.AUS0X.119 | AS6530G-824G32Bn VHP32ATNO1 MC 86MEH512COF 2*2G/320/BT/8L/5R/ CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-824G32Bn | EMEA | Norway | LX.AUS0X.125 | AS6530G-824G32Bn VHP32ATNO1 MC 86MEH512COF 2*2G/320/BT/8L/5R/ CB_bgn_FP_0.3D_HG_NO12 |
| AS6530G-703G32Mn | EMEA | Sweden/Finland | LX.AUS0X.102 | AS6530G-703G32Mn VHP32ATSE1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FI12 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.090 | AS6530G-703G32Mn VHP32ATEU3 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-703G32Mn | EMEA | Denmark | LX.AUS0X.110 | AS6530G-703G32Mn VHP32ATDK1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NO13 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.082 | AS6530G-703G32Mn EM VHP32ATME9 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_FR22 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.078 | AS6530G-703G32Mn EM VHP32ATME2 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_AR23 |
| AS6530G-703G32Mn | EMEA | Hungary | LX.AUS0X.097 | AS6530G-703G32Mn VHP32ATHU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_HU11 |
| AS6530G-703G32Mn | EMEA | Russia | LX.AUS0X.107 | AS6530G-703G32Mn VHP32ATRU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_RU11 |
| AS6530G-703G32Mn | EMEA | Norway | LX.AUS0X.103 | AS6530G-703G32Mn VHP32ATNO1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_NO12 |

| Model | RO | Country | Acer Part No | Description |
|---|---|---|---|---|
| AS6530G-804G32Bn | EMEA | UK | LX.AUS0X.124 | AS6530G-804G32Bn VHP32ATGB1 MC 86MEH512COF 2*2G/320/BT/8L/5R/ CB_bgn_FP_0.3D_HG_EN14 |
| AS6530G-703G32Mn | EMEA | Eastern Europe | LX.AUS0X.086 | AS6530G-703G32Mn VHP32ATEU1 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_CS21 |
| AS6530G-704G32Mn | EMEA | Eastern Europe | LX.AUS0X.118 | AS6530G-704G32Mn VHP32ATEU5 MC 86MEH512COF 2*2G/320/BT/8L/ 5R/CB_bgn_FP_0.3D_HG_PL11 |
| AS6530G-703G32Mn | EMEA | Middle East | LX.AUS0X.079 | AS6530G-703G32Mn EM VHP32ATME6 MC 86MEH512COF 2G+1G/320/8L/5R/ CB_bgn_FP_0.3D_HG_EN15 |
| AS6530G-804G32Bn | EMEA | Czech | LX.AUS0X.127 | AS6530G-804G32Bn VHP32ATCZ2 MC 86MEH512COF 2*2G/320/BT/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-704G32Mn | EMEA | Czech | LX.AUS0X.126 | AS6530G-704G32Mn VHP32ATCZ2 MC 86MEH512COF 2*2G/320/BT/8L/5R/ CB_bgn_FP_0.3D_HG_SK11 |
| AS6530G-802G25Mi | CHINA | China | LX.AUS0X.074 | AS6530G-802G25Mi VHP32ATCN1 MC 86MEH512COF 1*2G/250/6L/ CB_bg_FP_0.3D_HG_SC11 |
| AS6530G-802G25Mi | CHINA | Hong Kong | LX.AUS0X.073 | AS6530G-802G25Mi VHP32ATHK2 MC 86MEH512COF 1*2G/250/6L/ CB_bg_FP_0.3D_HG_ZH31 |
| AS6530G-802G25Mn | CHINA | Hong Kong | LX.AUS0X.205 | AS6530G-802G25Mn VHP32ATHK2 MC 86MEH512COF 1*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_ZH31 |
| AS6530G-802G25Mn | CHINA | China | LX.AUS0X.206 | AS6530G-802G25Mn VHP32ATCN1 MC 86MEH512COF 1*2G/250/8L/5R/ CB_bgn_FP_0.3D_HG_SC11 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530-402G12Mi | SMPSI4025W | N16WXGAG8 | UMA | N | SO1GBII6 | SO1GBII6 |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-702G25Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-602G16Mi | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-602G16Mi | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-603G25Mn | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-604G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | SO2GBII6 |
| AS6530-601G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO1GBII6 | N |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mn | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-602G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-603G32Mn | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-822G32Mi | ATUZM82 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-602G16Mi | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | N |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530-702G32Mi | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-863G32Mi | ATUZM86 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-823G32Mi | ATUZM82 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-703G32Mi | ATRM70 | N16WXGAG8 | UMA | N | SO2GBII6 | SO1GBII6 |
| AS6530-602G16Mi | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-604G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO2GBII6 | SO2GBII6 |
| AS6530-601G16Mi | AAQL60 | N16WXGAG8 | UMA | N | SO1GBII6 | N |
| AS6530-402G12Mi | SMPSI4025W | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-402G12Mi | SMPSI4025W | N16WXGAG8 | UMA | N | SO2GBII6 | N |
| AS6530-601G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO1GBII6 | N |
| AS6530-601G16Mn | AAQL60 | N16WXGAG8 | UMA | N | SO1GBII6 | N |
| AS6530G-804G25Mn | ATUZM80 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-842G32Mn | ATUZM84 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO1GBII6 | SO1GBII6 |
| AS6530G-804G32Mn | ATUZM80 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-824G64Bn | ATUZM82 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G64Mn | ATRM70 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-824G32Bn | ATUZM82 | N16WXGAG8 | 82MEXTHM | 256M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G25Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G25Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G64Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-802G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-702G25Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | N |
| AS6530G-804G64Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO1GBII6 | SO1GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G64Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G64Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G25Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G64Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-864G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Bn | ATUZM86 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-864G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Bn | ATUZM86 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G25Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |

| Model | CPU | LCD | VGA Chip | VRAM | Memory 1 | Memory 2 |
|---|---|---|---|---|---|---|
| AS6530G-804G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-824G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-824G32Bn | ATUZM82 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATUZM82 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-804G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-704G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-703G32Mn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-804G32Bn | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO1GBII6 |
| AS6530G-704G32Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-802G25Mi | ATRM70 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | SO2GBII6 |
| AS6530G-802G25Mi | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | N |
| AS6530G-802G25Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | N |
| AS6530G-802G25Mn | ATUZM80 | N16WXGAG8 | 86MEHM | 512M-GD2 | SO2GBII6 | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530-402G12Mi | N120GB5.4KS | N | NSM8XS | 3rd WiFi BG | BT 2.0 |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-702G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-602G16Mi | N160GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-602G16Mi | N160GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-603G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-604G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-601G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-602G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530-603G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-822G32Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-602G16Mi | N160GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-702G32Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-863G32Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-823G32Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-703G32Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-602G16Mi | N160GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-604G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-601G16Mi | N160GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-402G12Mi | N120GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-402G12Mi | N120GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530-601G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530-601G16Mn | N160GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-842G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-804G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-824G64Bn | N320GB5.4KS | N320GB5.4KS | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-824G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-804G64Mn | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G25Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-802G32Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-702G25Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-804G64Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530G-804G64Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi BG | N |
| AS6530G-703G32Mn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi BG | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G25Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G64Mn | N250GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N320GB5.4KS | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi BG | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-864G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-864G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G25Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-824G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-824G32Bn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530G-804G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-704G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-703G32Mn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-804G32Bn | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |
| AS6530G-704G32Mn | N320GB5.4KS | N | NBDCB2XS | 3rd WiFi 1x2 BGN | BT 2.0 |

| Model | HDD 1 (GB) | HDD 2 (GB) | ODD | Wireless LAN | Bluetooth |
|---|---|---|---|---|---|
| AS6530G-802G25Mi | N320GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | BT 2.0 |
| AS6530G-802G25Mi | N250GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530G-802G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi BG | N |
| AS6530G-802G25Mn | N250GB5.4KS | N | NSM8XS | 3rd WiFi 1x2 BGN | N |

# Test Compatible Components

This computer's compatibility is tested and verified by Acer's internal testing department. All of its system functions are tested under Windows® XP Home, Windows® XP Pro environment.

Refer to the following lists for components, adapter cards, and peripherals which have passed these tests. Regarding configuration, combination and test procedures, please refer to the Aspire 6530 series Compatibility Test Report released by the Acer Mobile System Testing Department.

# Microsoft® Windows® Vista Environment Test

| Vendor | Type | Description |
|---|---|---|
| **Adapter** | | |
| F0000183 DELTA CN | 65W | Adapter DELTA 65W 1.7x5.5x11 SADP-65KB DFA LF level 4 |
| 10001023 LITE-ON | 65W | Adapter LITE-ON 65W 1.7x5.5x11 PA-1650-02AC LF level 4 |
| 60002015 HIPRO | 65W | Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-OK065B13 LED LF level 4 |
| F0000183 DELTA CN | 65W-DE | Adapter DELTA 65W 1.7x5.5x11 SADP-65KB BFJA LV4 LF for OBL only |
| F0000183 DELTA CN | 90W | Adapter DELTA 90W 1.7x5.5x11 ADP-90SB BBEA LF level 4 |
| 10001023 LITE-ON | 90W | Adapter LITE-ON 90W 19V 1.7x5.5x11 Blue PA-1900-24AR LED LF level 4 |
| 60002015 HIPRO | 90W | Adapter HIPRO 90W 19V 1.7x5.5x11 Blue HP-OL093B13P LED LF level 4 |
| F0000183 DELTA CN | 90W-DE | Adapter DELTA 90W 1.7x5.5x11 ADP-90SB BBEN (for OBL Spec.) LV4 LF |
| **Battery Test** | | |
| 60001921 SANYO | 6CELL2.2 | Battery SANYO AS-2007B Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type |
| 10001063 SONY | 6CELL2.2 | Battery SONY AS-2007B Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type |
| 60001535 PANASONIC | 6CELL2.2 | Battery PANASONIC AS-2007B Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS |
| 60002162 SIMPLO | 6CELL2.2 | Battery SIMPLO AS-2007B Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS |
| 60001921 SANYO | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON |
| 10001063 SONY | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON |
| 60001535 PANASONIC | 8CELL2.4 | Battery PANASONIC AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON |
| **CPU Test** | | |
| 10001067 INTEL | C2DP8400 | CPU Intel Core2Dual P8400 PGA 2.26G 3M 1066 25W |
| 10001067 INTEL | C2DP8600 | CPU Intel Core2Dual P8600 PGA 2.4G 1066 25W 3M |
| 10001067 INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W |
| 10001067 INTEL | C2DT9400 | CPU Intel Core2Dual T9400 PGA 2.53G 6M 1066 35W |
| **HDD Test** | | |
| 60002036 SEAGATE | N120GB5.4KS | HDD SEAGATE 2.5" 5400rpm 120GB ST9120817AS Corsair SATA LF F/W:3.AAA |
| 60001922 TOSHIBA DIGI | N120GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 120GB MK1252GSX Virgo BS SATA LF F/W:LV010J |

| Vendor | Type | Description |
|---|---|---|
| 60002005 HGST SG | N120GB5.4KS | HDD HGST 2.5" 5400rpm 120GB HTS543212L9A300 Falcon-B SATA LF F/W:C40C |
| 60002036 SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303 |
| 60001922 TOSHIBA DIGI | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1652GSX Virgo - BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C |
| 60002036 SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250827AS Corsair SATA LF F/W:3.AAA |
| 60001922 TOSHIBA DIGI | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2552GSX Virgo BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS543225L9A300 Falcon-B SATA LF F/W:C40C |
| 60001994 WD | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVS-22UST0 ML125 SATA LF F/W:01.01A01 |
| 60002036 SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303 |
| 60001922 TOSHIBA DIGI | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3252GSX Virgo BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS543232L9A300 Falcon-B SATA LF F/W:C40C |
| 60001994 WD | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11 |
| **Second HDD Test** | | |
| 60002036 SEAGATE | N120GB5.4KS | HDD SEAGATE 2.5" 5400rpm 120GB ST9120817AS Corsair SATA LF F/W:3.AAA |
| 60001922 TOSHIBA DIGI | N120GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 120GB MK1252GSX Virgo BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N120GB5.4KS | HDD HGST 2.5" 5400rpm 120GB HTS543212L9A300 Falcon-B SATA LF F/W:C40C |
| 60002036 SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303 |
| 60001922 TOSHIBA DIGI | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1652GSX Virgo - BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C |
| 60002036 SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250827AS Corsair SATA LF F/W:3.AAA |
| 60001922 TOSHIBA DIGI | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2552GSX Virgo BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS543225L9A300 Falcon-B SATA LF F/W:C40C |
| 60001994 WD | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVS-22UST0 ML125 SATA LF F/W:01.01A01 |

| Vendor | Type | Description |
|---|---|---|
| 60002036 SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303 |
| 60001922 TOSHIBA DIGI | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3252GSX Virgo BS SATA LF F/W:LV010J |
| 60002005 HGST SG | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS543232L9A300 Falcon-B SATA LF F/W:C40C |
| 60001994 WD | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11 |
| **Memory Test** | | |
| 60002214 ELPIDA | SO1GBII6 | Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6ACUA-6E-E LF 64*16 0.065um |
| 60002215 SAMSUNG | SO1GBII6 | Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864QZ3-CE6 LF |
| 60002045 HYNIX | SO1GBII6 | Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF |
| 60001993 NANYA | SO2GBII6 | Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um |
| 16081942 MICRON | SO2GBII6 | Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667E1 LF |
| 60002214 ELPIDA | SO2GBII6 | Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8ACUA-6E-E LF 128*8 0.07um |
| 60002215 SAMSUNG | SO2GBII6 | Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663QZ3-CE6 LF |
| 60002045 HYNIX | SO2GBII6 | Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF |
| **ODD Test** | | |
| 10001063 SONY | NBDCB2XS | ODD SONY BD COMBO 12.7mm Tray DL 2X BC-5500S LF W/O bezel SATA |
| 60001939 PIONEER | NSM8XS | ODD PIONEER Super-Multi DRIVE 12.7mm Tray DL 8X DVR-TD08RS LF W/O bezel SATA |
| 23418669 HLDS | NSM8XS | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GSA-T50N LF W/O bezel SATA |
| 23418669 HLDS | NSM8XS | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GSA-T50N LF W/O bezel SATA Malaysia |
| 10001063 SONY | NSM8XS | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7560S LF W/O bezel SATA |
| 10001070 PHILIPS | NSM8XS | ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A2S LF W/O bezel SATA |
| **VGA Test** | | |
| 10001024 MSI | 9MGSHM256M | MSI VGA Card nVidia NB9M-GS DDRII 256M 400MHz 32*16 MXM I w/ HDCP w/ Intersil PowerIC |
| 10001080 YUAN | 9MGSHM256M | Yuan VGA Card nVidia NB9M-GS DDRII 256M 400MHz 32*16 MXM I w/ HDCP w/ Intersil PowerIC |
| **Northbridge Chipset Test** | | |
| 10001067 INTEL | GM45 | NB Chipset Intel CS GM45NB |
| 10001067 INTEL | PM45 | NB Chipset Intel CS PM45NB |

| Vendor | Type | Description |
|---|---|---|
| **Southbridge Chipset Test** | | |
| 10001067 INTEL | ICH9M | SB Chipset Intel CS ICH9M |
| **Keyboard Test** | | |
| 820123 DARFON | 17_18KB-FV1 | Keyboard 17_18KB-FV1 Teton Standard Black (Glossy) |
| **LAN Test** | | |
| 9999995 ONE TIME VENDER | AR8121 | Atheros Lan AR8121 |
| **WiFi Antenna Test** | | |
| 9999995 ONE TIME VENDER | PIFA | PIFA |
| **Audio Codec Test** | | |
| 9999995 ONE TIME VENDER | ALC888S | ALC888S |
| **Bluetooth Test** | | |
| 9999995 ONE TIME VENDER | BT 2.0 | Foxconn Bluetooth FOX_BRM_2.0 F/W 300 |
| **Camera Test** | | |
| 9999995 ONE TIME VENDER | 0.3M DV | Suyin 0.3M DV Camellia_2 |
| **Card Reader Test** | | |
| 9999995 ONE TIME VENDER | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD |
| **Finger Print Reader Test** | | |
| 9999995 ONE TIME VENDER | TCS4E | Upek Finger Print TCS4E |
| **Modem Test** | | |
| 23707801 FOXCONN TW | Fox+Con MC4Z 1.5_3.3V | Foxconn Conexant -Unizion 1.5_3.3v T60M955.02 |
| 23707801 FOXCONN TW | Fox+Con MC4Z 1.5_3.3V Aus | Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x |
| 10001023 LITE-ON | Lite+Con MC4Z 1.5_3.3V Aus | Lite-On Conexant -Unizion 1.5_3.3v AUS RD02-D330 |
| **TV Tuner Test** | | |
| 60003470 AVERMEDIA | DVB-T Mini-card | AVerMedia TV-tuner card DVB-T Mini-card A310 w/ Intel+MaxLinear Rev 1.0 |
| 60003470 AVERMEDIA | DVB-T Mini-card | AVerMedia TV-tuner card DVB-T Mini-card A309 w/ Afa AF9015 + MaxLiner MxL5003s Rev 1.0 |

| Vendor | Type | Description |
|---|---|---|
| **WLAN Test** | | |
| 9999995 ONE TIME VENDER | 3rd WiFi 1x2 BGN | Foxconn Wireless LAN Atheros AR5B91 1x2 BGN |
| 9999995 ONE TIME VENDER | 3rd WiFi 1x2 BGN | Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN |
| 10001067 INTEL | SP1x2MMW | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361 |

# Peripheral Tests

| Test | Category | Model |
|---|---|---|
| PCMCIA Test | TV - Tuner Card | AVerMedia AVerTV Hybrid+FM Cardbus |
| | 1394 CardBus Card | e-Sense PCMCIA 1394 CardBus 2 Ports |
| | | UPMOST PCMCIA 1394 CardBus 2 Ports |
| | | Billionton USB 2.0+1394 Combo Cardbus |
| | eSATA Card | Initio eSATA 2 serial ATA cardbus |
| | Wireless Lan Card | Sony Ericsson GC89 EDGE/Wireless LAN PC Card |
| | | LINKSYS Wireless-B 2.4GHz 802.11b |
| | | GigaByte 802.11 b.g Dual-Mode Wireless LAN Card |
| | | BUFFALO 54 Mbps Wireless LAN Cardbus |
| | SCSI Card | Ultra Slim SCSI 1480B Cardbus |
| | | Ultra Slim SCSI 1460 PC Card |
| | USB2.0 CardBus Card | INTOPIC USB 2.0 4-Port Notebook Card(CardBus)(QSMC) |
| | | Billionton USB 2.0+1394 Combo Cardbus |
| Express Card Test | 1394 Express Card | AboCom Express Card\|54 1394A 800Mbs/400Mbs |
| | | AboCom Express Card\|54 1394B 800Mbs |
| | | Uptech 1394B 800Mbs |
| | | ExpressCard\|34 5 in 1 Adapter |
| | USB 2.0 Express Card | Belkin Firewire and USB 2.0 Express card |
| | TV Tuner Express Card | AVerMedia AVerTV Hybrid Express card |
| | External SATA II Express Card | eSATA II Dual Port Express |
| | Card Reader Express Card | Maxell Express card\|34 5in1 adapter |
| | | Hagiwara Sys-Com Express card\|54 adapter |
| | GigaLAN Express Card | Maxell Express card\|34 GigabitEthernet adapter |
| | 3G Express Card | BandLuxe C100 |

| Test | Category | Model |
|---|---|---|
| Display Port Test | External Monitor - CRT Monitor | View Sonic PF775 |
| | | Graphic Series GT775 |
| | | Philips 109P |
| | | Dell 21" Monitor |
| | External Monitor - LCD Monitor | COMPAQ FP 7317 17"  LCD area with 1024*768(QSMC) |
| | | View Sonic 1680*1050 |
| | | Gateway FPD1730 17" (1280*1024)(QSMC) |
| | | CMV CM-930D 17" LCD (1280*1024) |
| | | ACER AL2423W LCD area with 1920*1200 |
| | | Gateway TV 26" LCD area with 1280*768 |
| | | Toshiba TV 37HL869 LCD area with 1366*768 |
| | External Monitor -  DVI Monitor | VP730b 17"  1280*1024 (QSMC) |
| | | CMV CM-930D 17" LCD (1280*1024) |
| | | Gateway TV 26" LCD area with 1280*768 |
| | | ACER AL2423W LCD area with 1920*1200 |
| | Projector | BenQ FB8225(QSMC) |
| | | 3M MP76301 |
| | TV | FERGUSON DV3(QSMC) |
| | | SONY Trinitron 14"\VPL-CX5 |
| | LCD TV | Gateway TV 26" LCD area with 1280*768 |
| | | Acer AT4220 area with 1920*1200 |
| | HD TV (HDMI) | Toshiba TV 37HL869 LCD area with 1366*768 |
| | | Acer AT4220 area with 1920*1200 |
| USB Port Test | Keyboard | NewMen KB-085 USB KEYBOARD |
| | | WiNTEK USB Keyboard |
| | | Microsoft USB/PS2 Keyboard |
| | | A4tech Wireless Ergonomic Keyboard and wireless mouse (USB, Wheel)(QSMC) |
| | | Logitech Cordless Mouse and Keyboard(USB, Wheel) |
| | | Microsoft Wireless Optical Desktop(USB\|PS/2) |
| | | USB KeyPad:ZIPPY USB Keypad TK323(QSMC) |
| | Mouse | Logitech Wheel Mouse (Optical, USB\|PS/2) |
| | | Huaerte mouse (USB) |
| | | NEC Mouse (USB) |
| | | YAHOO XEPER Optical Mouse (USB) |
| | | Logitech (Optical)\(USB) |
| | | Microsoft IntelliMouse Explorer 3.0 USB and PS/2 Compatible(Optical)(QSMC) |
| | | Logitech Wheel Mouse (Optical, USB\|PS/2) |
| | | NEC Mouse (USB) |
| | Printer | Epson Stylus C65 Printer |
| | | HP deskjet 3535 Printer |

| Test | Category | Model |
|---|---|---|
| USB Port Test (cont.) | Scanner | Canon USB2.0 Scanner |
| | | NEC MultiReader MR800U3 USB2.0 Scanner |
| | Speaker | SCLAR |
| | | OZAKI USB 5.1CH-IN-2SPK Digital Sound - US206 |
| | Joystick | NAZAR GPC-V70 |
| | | Logitech Freedom 2.4Cordless Joystick |
| | | Logitech WingMan RUMBLEPAD (USB) |
| | Camera / DV | Kinco QuickCam |
| | | Logitech QuickCam IM (USB2.0 ) |
| | | Dlink Digtal Camera |
| | | Flexicam A300 USB Web Camera |
| | | Praktica Luxmedia 5203 Digtal Camera |
| | Card Reader | 5 in 1 |
| | | HR8-U2M MS/MS-PRO/DUO |
| | HDD | FUJITSU USB2.0 HDD/HITACHI USB2.0 HDD |
| | | TOSHIBA USB2.0 HDD |
| | DVD/CD-RW | YAMAHA CD-R/RW Drive |
| | | MP5125A DVD+RW/+R |
| | | TOSHIBA DVD-R/RW |
| | Handy Drive | Sandisk 8G/Transcend 8G |
| | | A-data 16G |
| | FDD | IBM USB2.0 Device |
| | | Panasonic YD-8U10 USB1.0 Device |
| | | Mitsumi USB1.1 Floppy Disk Drvie (QSMC) |
| | | SMSC USB1.1 external Floppy Drive (QSMC) |
| | HUB | Slim DX-274AP USB1.1 SLIM HUB 4 Port (QSMC) |
| | | XHUB4 4-port USB 2.0 hub (adaptec) |
| | | D-Link 4-Port USB 2.0 Hub |
| | | Hi-Speed 4-Port USB 2.0 HUB (IOGEAR) |
| | 3G | BandLuxe C100 |
| Access Point Test | Wireless Lan AP | D-Link 655 (N) |
| | | Cisco Aironet 1200 (G) |
| | | Buffal0 WZR2-G300N (n) |
| Bluetooth Test | Bluetooth Mouse | KYE Bluetooth Mouse (Ferrari 5000) |
| | | Darfon Bluetooth Mouse (Ferrari 1000) |
| | USB Bluetooth | Itech Bluetooth 2.0 |
| | | Ambeon Bluetooth 2.0 |
| Card Reader Test | MMC Card | Transcend 512MB MMC Card |
| | | Transcend 2G MMC Card |
| | SD Card | Sandisk 8.0G SD Card |
| | | A-Data 16G SD Card |
| | | Transcend 8G SD Card |

| Test | Category | Model |
|---|---|---|
| Card Reader Test (cont.) | SD Adapter | Sandisk SD Adapter |
| | | Sandisk MicroSD to SD Adapter |
| | MS Card | Sandisk 64MB MS Card(QSMC) |
| | MS Pro Card | Sony 256MB MS Card (MS Pro) |
| | | LEXAR 256MB MS Card (MS Pro)(QSMC) |
| | MS Pro Duo Card | Sony Memory Stick Pro Duo 4GB |
| | | Sony Memory Stick Pro Duo 8GB |
| | MS Duo Adapter | Sony Memory Stick Duo Adaptor |
| | | Sandisk Memory Stick Duo Adaptor |
| | MicroSD | Transcend MicroSD 2G |
| | | Sandisk MicroSD 8G |
| | MicroSD to MS Pro Duo Adapter | Transcend Memory Stick Duo Adaptor |
| | | READY Memory Stick Duo Adaptor |
| | XD Card | OLYMPUS XD Picture Card 2G |
| | | OLYMPUS XD Picture Card 1G |
| | | Fujifilm XD Picture Card 512MB |
| 1394 Port Test | 1394-HDD | UNIQUE UA351-CB USB2.0/1394 HDD |
| | | Clearlight 2.5" Hard Drive Enclosure (40G)(QSMC) |
| | 1394-Cable | 1394 Peer To Peer Cable |
| Audio Jacks Port Test | Speaker | Creative Inspire 5.1 digital 5600 |
| | | Edifier Speaker |
| | Head Phone | iRiver headphone |
| | | Philips Headphone |
| | SPDIF | Creative Inspire 5.1 digital 5600 |
| Port Reprecator Test | Docking | Cable Docking |

# Online Support Information

This section describes online technical support services available to help you repair your Acer Systems.

If you are a distributor, dealer, ASP or TPM, please refer your technical queries to your local Acer branch office. Acer Branch Offices and Regional Business Units may access our website. However some information sources will require a user i.d. and password. These can be obtained directly from Acer CSD Taiwan.

Acer's Website offers you convenient and valuable support resources whenever you need them.

In the Technical Information section you can download information on all of Acer's Notebook, Desktop and Server models including:

- Service guides for all models
- User's manuals
- Training materials
- Bios updates
- Software utilities
- Spare parts lists
- TABs (Technical Announcement Bulletin)

For these purposes, we have included an Acrobat File to facilitate the problem-free downloading of our technical material.

Also contained on this website are:

- Detailed information on Acer's International Traveler's Warranty (ITW)
- Returned material authorization procedures
- An overview of all the support services we offer, accompanied by a list of telephone, fax and email contacts for all your technical queries.

We are always looking for ways to optimize and improve our services, so if you have any suggestions or comments, please do not hesitate to communicate these to us.

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